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01 総論. 用語. 標準化. ドキュメンテーション

規格番号	原文標題	邦訳標題(参考訳)	概要(英語)	制定年月日	定価(本体価格)
IEC 60050-112 Amd.1 Ed. 1.0:2019	Amendment 1 International Electrotechnical Vocabulary (IEV) – Part 112: Quantities and units	修正票1—国際電気技術用語集(IEV)—第112部:量及び単位		20190130	5,184円(本体4,800円)

13 環境. 健康予防. 安全

規格番号	原文標題	邦訳標題(参考訳)	概要(英語)	制定年月日	定価(本体価格)
IEC 60332-3-24ISH1 Ed. 2.0:2019	Interpretation sheet 1 – Tests on electric and optical fibre cables under fire conditions – Part 3-24: Test for vertical flame spread of vertically-mounted bunched wires or cables – Category C	解説シート1—火災条件下の電気ケーブル及び光ファイバケーブルの試験—第3-24部:垂直取付線又はケーブル束の垂直火災伝播試験—カテゴリC		20190118	-

17 度量衡及び測定. 物理的現象

規格番号	原文標題	邦訳標題(参考訳)	概要(英語)	制定年月日	定価(本体価格)
IEC 60404-7 Ed. 2.0:2019	Magnetic materials – Part 7: Method of measurement of the coercivity (up to 160 kA/m) of magnetic materials in an open magnetic circuit	磁気材料—第7部:開磁路の中の磁気材料の飽和保磁力(160 kA/m以下)の測定方法	IEC 60404-7:2019 specifies a method of measurement of the coercivity of magnetic materials in an open magnetic circuit. This document is applicable to all magnetic materials with coercivities from 0.2 A/m to 160 kA/m. This edition includes the following significant technical changes with respect to the previous edition: Clause 1: The scope includes a more detailed description of the magnetic materials which applies to this standard; Clause 4: Figure 2 circuit diagram for methods A and B was simplified and the fluxgate probes inside the solenoid have been added; Clause 7: Compensation for the earth's magnetic field and for static and dynamic magnetic noise fields has been added; Clause 8: Magnetic shielding of the measuring region has been added; 9.2.2: The measuring methods for local and integral measurement of the flux in the test specimen have been separated and the limitations in size and shape of the test specimen have been considered; 9.3: The method C with a VSM (Vibrating Sample Magnetometer) has been moved from 9.3 to the Annex B. The term "complex shaped test specimen" has been replaced in several clauses by "test specimen different from ellipsoids". The character of Annex A has been changed from "informative" to "normative".	20190116	12,960円(本体12,000円)
IEC/TS 63001 Ed. 1.0:2019	Measurement of cavitation noise in ultrasonic baths and ultrasonic reactors	超音波洗浄機及び超音波反応器のキャビテーション騒音の測定	IEC TS 63001:2019 provides a technique of measurement and evaluation of ultrasound in liquids for use in cleaning devices and equipment. It specifies the cavitation measurement at 2.25 f ₀ in the frequency range 20 kHz to 150 kHz, and the cavitation measurement by extraction of broadband spectral components in the frequency range 10 kHz to 5 MHz. IEC TS 63001:2019 covers the measurement and evaluation of the cavitation, but not its secondary effects (cleaning results, sonochemical effects, etc.).	20190116	22,032円(本体20,400円)

25 生産工学

規格番号	原文標題	邦訳標題(参考訳)	概要(英語)	制定年月日	定価(本体価格)
IEC 60534-3-1 Ed. 2.0:2019	Industrial-process control valves – Part 3-1: Dimensions – Face-to-face dimensions for flanged, two-way, globe-type, straight pattern and centre-to-face dimensions for flanged, two-way, globe-type, angle pattern control valves	工業プロセス制御弁—第3-1部:寸法—フランジ付2路球形ストレートパターン制御弁の面間寸法及びフランジ付2路球形アングルパターン制御弁の面間寸法	Industrial-process control valves – Part 3-1: Dimensions – Face-to-face dimensions for flanged, two-way, globe-type, straight pattern and centre-to-face dimensions for flanged, two-way, globe-type, angle pattern control valves	20190206	9,072円(本体8,400円)
IEC 60974-2 Ed. 4.0:2019	Arc welding equipment – Part 2: Liquid cooling systems	アーク溶接機器—第2部:液体冷却システム	IEC 60974-2:2019 specifies safety and construction requirements for industrial and professional liquid cooling systems used in arc welding and allied processes to cool torches. This document is applicable to liquid cooling systems which are stand-alone (separate from the welding equipment) or built-in (housed in a single enclosure with other welding equipment). This fourth edition cancels and replaces the third edition published in 2013 and constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) changes induced by the publication of IEC 60974-1:2017; b) reference in 11.1 changed.	20190130	12,960円(本体12,000円)

IEC 60974-3 Ed. 4.0:2019	Arc welding equipment – Part 3: Arc striking and stabilizing devices	アーク溶接機器 – 第3部:アークストライク及び安定装置	IEC 60974-3:2019 specifies safety requirements for industrial and professional arc striking and arc stabilizing devices used in arc welding and allied processes. This document is applicable to arc striking and stabilizing devices which are stand-alone (separate from the welding equipment) or built in (housed in a single enclosure with other arc welding equipment). This fourth edition cancels and replaces the third edition published in 2013 and constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: changes induced by the publication of IEC 60974-1:2017; reference to IEC 60974-1:2017/AMD1:2019 in Clause 2; Figure 2 is updated where a subtraction of the proportion of the no-load voltage is shown; requirement for safe operation of the arc striking and stabilizing devices in the event of failure, in 11.5; requirements for the rating plate as in IEC 60974-1:2017, Clause 15.	20190130	18,144円 (本体16,800円)
IEC 60974-5 Ed. 4.0:2019	Arc welding equipment – Part 5: Wire feeders	アーク溶接機器 – 第5部:ワイヤ送給装置	IEC 60974-5:2019 specifies safety and performance requirements for industrial and professional equipment used in arc welding and allied processes to feed filler wire. This document is applicable to wire feeders and to wire-feed controls that are stand-alone (separate from the welding equipment), housed together in a single enclosure or housed in a single enclosure with other welding equipment. The wire feeder can be suitable for manually or mechanically guided torches. This fourth edition cancels and replaces the third edition published in 2013 and constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: changes induced by the publication of IEC 60974-1:2017; addition of requirements for welding circuit connections in 6.9; clarification of requirements and conformity in 6.3.1; clarification of thermal requirements in Clause 9; addition of requirements in relation to abnormal operation in Clause 10. This International Standard is to be used in conjunction with IEC 60974-1:2017.	20190130	18,144円 (本体16,800円)
IEC 60974-7 Ed. 4.0:2019	Arc welding equipment – Part 7: Torches	アーク溶接機器 – 第7部:トーチ	IEC 60974-7:2019 specifies safety and construction requirements for torches used for arc welding and allied processes. This document is applicable to manual, mechanically guided, air-cooled, liquid-cooled, motorized, spool-on and fume extraction torches. This fourth edition cancels and replaces the third edition published in 2013 and constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) definitions 3.11 and 3.20 were revised; b) requirements for arc striking and stabilizing voltage rating have been added to the sequence of type tests (see 6.2); c) the AC test voltage requirement for torches that utilize arc striking and stabilizing voltages has been revised (see 7.5.2); d) the test configuration of isolated circuits for torches that utilize arc striking and stabilizing voltages has been revised (see 7.5.2); e) the metal tube used for the heating tests has additional allowable means of cooling methods (see 8.3.2 and 8.3.5); f) for fume extraction torches, the instructions for use include additional information (see Clause 13, item i)). This document is to be used in conjunction with IEC 60974-1:2017.	20190130	25,920円 (本体24,000円)
IEC/TR 63176 Ed. 1.0:2019	Process analysis technology systems as part of safety instrumented systems	安全計装システムの一部としてのプロセス分析技術システム	IEC TR 63176:2019(E) encompasses recommendations for planning, installation and operation (incl. maintenance) of process analyzer technology measuring equipment in process industry safety instrumented systems. It covers all necessary steps for the qualification of safety equipment and supplements the safety management of safety instrumented system equipment through the addition of special requirements for process analyzer technology equipment. This document does not encompass the entire safety management of safety instrumented system equipment.	20190116	22,032円 (本体20,400円)

27 エネルギー及び熱伝達工学

規格番号	原文標題	邦訳標題(参考訳)	概要(英語)	制定年月日	定価(本体価格)
IEC 60904-SER Ed. 1.0:2019	Photovoltaic devices – ALL PARTS	光電装置 – すべての部		20190129	156,686円 (本体145,080円)
IEC/TS 60904-1-2 Ed. 1.0:2019	Photovoltaic devices – Part 1-2: Measurement of current-voltage characteristics of bifacial photovoltaic (PV) devices	光電装置 – 第1-2部: 両面光電気(PV)装置の電流-電圧特性の測定	IEC TS 60904-1-2:2019 describes procedures for the measurement of the current-voltage (I-V) characteristics of bifacial photovoltaic devices in natural or simulated sunlight. It is applicable to single PV cells, sub-assemblies of such cells or entire PV modules. This document may be applicable to PV devices designed for use under concentrated irradiation if they are measured without the optics for concentration, and irradiated using direct normal irradiance and a mismatch correction with respect to a direct normal reference spectrum is performed. This document describes the additional requirements for the measurement of I-V characteristics of bifacial PV devices.	20190129	12,960円 (本体12,000円)

<p>IEC 61400-1 Ed. 4.0:2019</p>	<p>Wind energy generation systems – Part 1: Design requirements</p>	<p>風力発電システム－第1部：設計要求事項</p>	<p>IEC 61400-1:2019 is available as IEC 61400-1:2019 RLV which contains the International Standard and its Redline version, showing all changes of the technical content compared to the previous edition.IEC 61400-1:2019 specifies essential design requirements to ensure the structural integrity of wind turbines. Its purpose is to provide an appropriate level of protection against damage from all hazards during the planned lifetime. This document is concerned with all subsystems of wind turbines such as control and protection functions, internal electrical systems, mechanical systems and support structures. This document applies to wind turbines of all sizes. For small wind turbines, IEC 61400-2 can be applied. IEC 61400-3-1 provides additional requirements to offshore wind turbine installations. This document is intended to be used together with the appropriate IEC and ISO standards mentioned in Clause 2. This edition includes the following significant technical changes with respect to the previous edition: a) general update and clarification of references and requirements; b) extension of wind turbine classes to allow for tropical cyclones and high turbulence; c) Weibull distribution of turbulence standard deviation for normal turbulence model (NTM); d) updated design load cases (DLCs), in particular DLC 2.1 and 2.2; e) revision of partial safety factor specifications</p>	<p>20190208</p>	<p>45,360円 (本体42,000円)</p>
<p>IEC 61400-1 Ed. 4.0:2019 RLV (Redline version)</p>	<p>Wind energy generation systems – Part 1: Design requirements</p>	<p>風力発電システム－第1部：設計要求事項</p>	<p>IEC 61400-1:2019 RLV contains both the official IEC International Standard and its Redline version. The Redline version is not an official document, it is available in English only and provides you with a quick and easy way to compare all the changes between the official IEC Standard and its previous edition.IEC 61400-1:2019 specifies essential design requirements to ensure the structural integrity of wind turbines. Its purpose is to provide an appropriate level of protection against damage from all hazards during the planned lifetime. This document is concerned with all subsystems of wind turbines such as control and protection functions, internal electrical systems, mechanical systems and support structures. This document applies to wind turbines of all sizes. For small wind turbines, IEC 61400-2 can be applied. IEC 61400-3-1 provides additional requirements to offshore wind turbine installations. This document is intended to be used together with the appropriate IEC and ISO standards mentioned in Clause 2. This edition includes the following significant technical changes with respect to the previous edition: a) general update and clarification of references and requirements; b) extension of wind turbine classes to allow for tropical cyclones and high turbulence; c) Weibull distribution of turbulence standard deviation for normal turbulence model (NTM); d) updated design load cases (DLCs), in particular DLC 2.1 and 2.2; e) revision of partial safety factor specifications</p>	<p>20190208</p>	<p>58,968円 (本体54,600円)</p>
<p>IEC 62282-3-100 Ed. 2.0:2019</p>	<p>Fuel cell technologies – Part 3-100: Stationary fuel cell power systems – Safety</p>	<p>燃料電池技術－第3-100部：据置き燃料電池電カシステム－安全性</p>	<p>IEC 62282-3-100:2019 is available as IEC 62282-3-100:2019 RLV which contains the International Standard and its Redline version, showing all changes of the technical content compared to the previous edition.IEC 62282-3-100:2019 applies to stationary packaged, self-contained fuel cell power systems or fuel cell power systems comprised of factory matched packages of integrated systems which generate electricity through electrochemical reactions. This document is applicable to stationary fuel cell power systems intended for indoor and outdoor commercial, industrial and residential use in non-hazardous areas. This second edition cancels and replaces the first edition published in 2012. This edition includes the following significant technical changes with respect to the previous edition:a) recognition that fuel carrying components qualified to leakage standards (soundness) need not be considered as potential flammable leak sources;b) new annex for small power systems; and c) clarifications for numerous requirements and tests</p>	<p>20190212</p>	<p>38,880円 (本体36,000円)</p>
<p>IEC 62282-3-100 Ed. 2.0:2019 RLV (Redline version)</p>	<p>Fuel cell technologies – Part 3-100: Stationary fuel cell power systems – Safety</p>	<p>燃料電池技術－第3-100部：据置き燃料電池電カシステム－安全性</p>	<p>IEC 62282-3-100:2019 RLV contains both the official IEC International Standard and its Redline version. The Redline version is not an official document, it is available in English only and provides you with a quick and easy way to compare all the changes between the official IEC Standard and its previous edition.IEC 62282-3-100:2019 applies to stationary packaged, self-contained fuel cell power systems or fuel cell power systems comprised of factory matched packages of integrated systems which generate electricity through electrochemical reactions. This document is applicable to stationary fuel cell power systems intended for indoor and outdoor commercial, industrial and residential use in non-hazardous areas. This second edition cancels and replaces the first edition published in 2012. This edition includes the following significant technical changes with respect to the previous edition:a) recognition that fuel carrying components qualified to leakage standards (soundness) need not be considered as potential flammable leak sources;b) new annex for small power systems; and c) clarifications for numerous requirements and tests</p>	<p>20190212</p>	<p>50,544円 (本体46,800円)</p>

IEC 62364 Ed. 2.0:2019	Hydraulic machines – Guidelines for dealing with hydro-abrasive erosion in Kaplan, Francis and Pelton turbines	油圧機械－カプラン、フランシス及びペルトンタービンにおける油圧摩耗浸食の指針	IEC 62364:2019 is available as IEC 62364:2019 RLV which contains the International Standard and its Redline version, showing all changes of the technical content compared to the previous edition.IEC 62364:2019 gives guidelines for: a) presenting data on hydro-abrasive erosion rates on several combinations of water quality, operating conditions, component materials, and component properties collected from a variety of hydro sites;b) developing guidelines for the methods of minimizing hydro-abrasive erosion by modifications to hydraulic design for clean water. These guidelines do not include details such as hydraulic profile shapes which are determined by the hydraulic design experts for a given site;c) developing guidelines based on "experience data" concerning the relative resistance of materials faced with hydro-abrasive erosion problems;d) developing guidelines concerning the maintainability of materials with high resistance to hydro-abrasive erosion and hardcoatings;e) developing guidelines on a recommended approach, which owners could and should take to ensure that specifications communicate the need for particular attention to this aspect of hydraulic design at their sites without establishing criteria which cannot be satisfied because the means are beyond the control of the manufacturers;f) developing guidelines concerning operation mode of the hydro turbines in water with particle materials to increase the operation life.It is assumed in this document that the water is not chemically aggressive. Since chemical aggressiveness is dependent upon so many possible chemical compositions, and the materials of the machine, it is beyond the scope of this document to address these issues. It is assumed in this document that cavitation is not present in the turbine. Cavitation and hydro-abrasive erosion can reinforce each other	20190114	38,880円 (本体36,000円)
IEC 62364 Ed. 2.0:2019 RLV (Redline version)	Hydraulic machines – Guidelines for dealing with hydro-abrasive erosion in Kaplan, Francis and Pelton turbines	油圧機械－カプラン、フランシス及びペルトンタービンにおける油圧摩耗浸食の指針	IEC 62364:2019 RLV contains both the official IEC International Standard and its Redline version. The Redline version is not an official document, it is available in English only and provides you with a quick and easy way to compare all the changes between the official IEC Standard and its previous edition.IEC 62364:2019 gives guidelines for:a) presenting data on hydro-abrasive erosion rates on several combinations of water quality, operating conditions, component materials, and component properties collected from a variety of hydro sites;b) developing guidelines for the methods of minimizing hydro-abrasive erosion by modifications to hydraulic design for clean water. These guidelines do not include details such as hydraulic profile shapes which are determined by the hydraulic design experts for a given site;c) developing guidelines based on "experience data" concerning the relative resistance of materials faced with hydro-abrasive erosion problems;d) developing guidelines concerning the maintainability of materials with high resistance to hydro-abrasive erosion and hardcoatings;e) developing guidelines on a recommended approach, which owners could and should take to ensure that specifications communicate the need for particular attention to this aspect of hydraulic design at their sites without establishing criteria which cannot be satisfied because the means are beyond the control of the manufacturers;f) developing guidelines concerning operation mode of the hydro turbines in water with particle materials to increase the operation life.It is assumed in this document that the water is not chemically aggressive. Since chemical aggressiveness is dependent upon so many possible chemical compositions, and the materials of the machine, it is beyond the scope of this document to address these issues.	20190114	50,544円 (本体46,800円)
IEC 62765-2 Ed. 1.0:2019	Nuclear power plants – Instrumentation and control important to safety – Management of ageing of sensors and transmitters – Part 2: Temperature sensors	原子力発電所 – 安全性にとって重要な計装及び制御システム – センサ及びトランスミッタの経年劣化の管理 – 第2部: 温度センサ	IEC 62765-2:2019 identifies minimum requirements and applicable practices for correcting and preventing any potential impacts on nuclear power plant (NPP) safety due to the ageing of temperature sensors, such as NPP resistance temperature detectors (RTDs) and thermocouples (TCs).This document provides strategies, technical requirements, and recommended practices for the management of the ageing of temperature sensors important to safety in nuclear power plants (NPPs) to ensure that ageing can be identified and that suitable remedial actions are undertaken as necessary to demonstrate that the safety of the plant will not be impaired. This document is aligned with IEC 62342, which provides guidance on ageing management for instrumentation and control (I&C) systems important to safety in NPPs	20190129	25,920円 (本体24,000円)
IEC 62954 Ed. 1.0:2019	Nuclear power plants – Control rooms – Requirements for emergency response facilities	原子力発電所 – 制御室 – 緊急時対応施設の要求事項	IEC 62954:2019 presents the requirements for the on-site emergency response facilities (referred to hereinafter as the "ERF") which are to be used in case of incidents or accidents occurring on the associated Nuclear Power Plant (NPP). The ERF consists of the Emergency Response Centre (ERC), the Technical Support Centre (TSC) and the Operational Support Centre (OSC).It establishes requirements for the ERF features and ERF I&C equipment to: coordinate on-site operational efforts with respect to safety and radioprotection; optimize the design in terms of environment control, lighting, power supplies and access control of the ERF; enhance the identification and resolution of potential conflicts between the traditional operational means and emergency means (MCR/SCR and ERF, operating staff and emergency teams, operational procedures and emergency procedures); aid the identification and the enhancement of the potential synergies between the traditional operational means and emergency means.	20190124	22,032円 (本体20,400円)

IEC/TS 62994 Ed. 1.0:2019	Photovoltaic (PV) modules through the life cycle – Environmental health and safety (EH&S) risk assessment – General principles and nomenclature	ライフサイクルにおける太陽電池(PV)モジュール—環境的衛生(EH&S)リスクアセスメント—般原則及び用語体系	IEC 62994:2019 specifies definitions of terms and introduces evaluation methods for EH&S risk assessment for the PV module over the product life cycle. Environmental health and safety (EH&S) risk assessment is a method to characterize and evaluate potential adverse impacts to human health or environment and make it possible to take measures to reduce them. EH&S risk assessment of PV modules is very important for the safe and sustainable manufacture, use, and end of life treatment of PV modules. The definition of terms can be applied to the EH&S risk assessment through the life cycle of PV modules. Generally, evaluation methods for the EH&S risk assessment can be divided in two cases: ordinary foreseen routine operation, in which life cycle assessment method is applied; abnormal non-routine operation, in which risk assessment method is applied	20190129	25,920円 (本体24,000円)
IEC/TR 63192 Ed. 1.0:2019	Nuclear power plants Instrumentation and control systems important to safety Hazard analysis: A review of current approaches	原子力発電所—安全性にとって重要な計装及び制御システム—ハザード分析: 現在のアプローチのレビュー	IEC TR 63192:2019 provides the comparison of the hazard analysis requirements between IAEA framework and NRC-IEEE framework of standards and guidance. The hazard analysis requirements in the different standards were compared with a set of comparison criteria, including the safety principle, the safety process, the definitions, the hazard analysis process, etc. This document includes the comparison results of the HA requirements of the safety control systems of other safety industries in Annex C. For a nuclear power plant, the design safety and operation safety shall be analyzed, for example, to meet the IAEA Safety Requirements for Design (SSR-2/1) and Operation (SSR2/2). The scope of this document is to survey the state of the art in the hazard analysis for the design of I&C system of NPPs.	20190129	34,992円 (本体32,400円)

29 電気工学

規格番号	原文課題	邦訳課題(参考訳)	概要(英語)	制定年月日	定価(本体価格)
IEC 60034-SER Ed. 1.0:2019	Rotating electrical machines – ALL PARTS	回転電気機械—すべての部		20190124	821,404円 (本体760,560円)
IEC 60034-23 Ed. 1.0:2019	Rotating electrical machines – Part 23: Repair, overhaul and reclamation	回転電気機械—第23部: 修理, オーバーホール及び再利用	IEC 60034-23:2019 covers the procedures necessary to ensure the satisfactory repair, overhaul, and reclamation of all types and sizes of rotating electrical machines covered by IEC 60034. This standard creates a generic industry procedure covering common aspects of a complete repair. The scope of work depends on the machine type, rating, condition, and the importance of plant reliability and safety. This standard does not supersede the requirements prescribed in IEC 60079-19 or elsewhere concerning the repair and overhaul for machines used in explosive atmospheres. This first edition cancels and replaces IEC TS 60034-23 published in 2003. This edition includes the following significant technical changes with respect to the previous edition: the title of the standard has been changed to Rotating electrical machines ? Part 23: Repair, overhaul and reclamation; general Principles added to cover: hazardous areas, traction motors, machine efficiency, environment, end of life recycling, and circular economy considerations; general: Scope of work, health and safety, standards, quality, information required and documentation now covered; final tests updated; additional requirements for the repair and testing of DC machines added; additional requirements for the repair and testing of High Voltage AC machines added; customer reports and handover added; new standard tolerances added.	20190124	34,992円 (本体32,400円)
IEC 60050-691 Amd.1 Ed. 1.0:2019	Amendment 1 International Electrotechnical Vocabulary (IEV) – Part 691: Tariffs for electricity	修正票1—国際電気技術用語集—第691部: 電気料金表		20190130	1,296円 (本体1,200円)
IEC 60076-22-1 Ed. 1.0:2019	Power transformers – Part 22-1: Power transformer and reactor fittings Protective devices	電源変圧器—第22-1部: 電源変圧器及びリアクターフィッティング—保護装置	IEC 60076-22-1:2019 applies to protective devices mounted on liquid-immersed power transformers in accordance with IEC 60076-1 and reactors in accordance with IEC 60076-6 with or without conservator for indoor or outdoor installation. It outlines the service conditions and the mechanical and electrical requirements that are common to all the devices, which are relevant for the safety of the machine having a function of signalization of abnormal operating conditions. It also outlines the operation requirements specific to each device as well as, in some cases, the preferred dimensions relevant for interchangeability and the type and routine test to be performed. Keywords: protective devices mounted on liquid-immersed power transformers	20190129	38,880円 (本体36,000円)
IEC 60076-22-2 Ed. 1.0:2019	Power transformers – Part 22-2: Power transformer and reactor fittings – Removable radiators	電源変圧器—第22-2部: 電源変圧器及びリアクターフィッティング—リムーバブルラジエータ	IEC 60076-22-2:2019 applies to radiators mounted on liquid immersed power transformers according to IEC 60076-1 and reactors according to IEC 60076-6 with and without conservator for indoor or outdoor installation. It outlines the service conditions and the mechanical and electrical requirements that are common to this equipment. It also outlines the operation requirements specific to this equipment as well as the preferred dimensions relevant for interchangeability and the type and routine tests to be performed. Keywords: radiators mounted on liquid immersed power transformers	20190116	22,032円 (本体20,400円)
IEC 60332-SER Ed. 1.0:2019	Tests on electric and optical fibre cables under fire conditions – ALL PARTS			20190118	104,328円 (本体96,600円)
IEC 60529 Amd.2 Ed. 2.0 b Cor.1:2019	Corrigendum 1 – Amendment 2 – Degrees of protection provided by enclosures (IP Code)	正誤票1—修正票2—エンクロージャによる国際保護等級(IPコード)		20190116	-

IEC 60674-2 Ed. 2.1:2019	Specification for plastic films for electrical purposes – Part 2: Methods of test	電気用プラスチックフィルムの仕様－第2部:試験方法	IEC 60674-2:2016+A1:2019 is applicable to plastic films used for electrical purposes. This part of IEC 60674 gives methods of test. This second edition cancels and replaces the first edition published in 1988 and Amendment 1 (2001). This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: this document was completely revised editorially and technically and included in the IEC 60674 series of standards; the test methods are updated to reflect today's state of the art; a method to obtain DC electric strength is now specified according to IEC 60243-2. The contents of the corrigendum of December 2017 have been included in this copy. This consolidated version consists of the second edition (2016) and its amendment 1 (2019). Therefore, no need to order amendment in addition to this publication. Keywords: plastic films for electrical purposes	20190124	45,360円 (本体42,000円)
IEC 60674-2 Amd.1 Ed. 2.0:2019	Amendment 1 – Specification for plastic films for electrical purposes – Part 2: Methods of test	修正票1－電気用プラスチックフィルムの仕様－第2部:試験方法		20190124	1,296円 (本体1,200円)
IEC 60674-3-2 Ed. 2.0:2019	Specification for plastic films for electrical purposes – Part 3: Specifications for individual materials – Sheet 2: Requirements for balanced biaxially oriented polyethylene terephthalate (PET) films used for electrical insulation	電気用プラスチックフィルム－第3部:個別材料仕様－シート2:電気絶縁に使用する平衡二軸延伸ポリエチレンテレフタレート(PET)フィルムの要求事項	IEC 60674-3-2:2019 gives the requirements for balanced biaxially oriented polyethylene terephthalate (PET) films used for electrical insulation. Safety warning: It is the responsibility of the user of the methods contained or referred to in this document to ensure that they are used in a safe manner. Keywords: plastic films for electrical purposes, balanced biaxially oriented polyethylene terephthalate (PET) films	20190116	9,072円 (本体8,400円)
IEC 60934 Ed. 4.0:2019	Circuit breakers for equipment (CBE)	機器用回路遮断器(CBE)	IEC 60934:2019 is available as IEC 60934:2019 RLV which contains the International Standard and its Redline version, showing all changes of the technical content compared to the previous edition. IEC 60934:2019 is applicable to mechanical switching devices designed as "circuit breakers for equipment" (CBE) for household and similar applications. CBEs according to this document are intended to provide protection to circuits within electrical equipment including its components (e.g. motors, transformers, internal wiring). This document covers also CBEs applicable for protection of electrical equipment in case of undervoltage and/or overvoltage. This document also covers CBEs which are suitable for isolation. This fourth edition cancels and replaces the third edition published in 2000, Amendment 1:2007 and Amendment 2:2013. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) clarifications for type testing purposes.	20190130	41,472円 (本体38,400円)
IEC 60934 Ed. 4.0:2019 RLV (Redline version)	Circuit breakers for equipment (CBE)	機器用回路遮断器(CBE)	IEC 60934:2019 RLV contains both the official IEC International Standard and its Redline version. The Redline version is not an official document, it is available in English only and provides you with a quick and easy way to compare all the changes between the official IEC Standard and its previous edition. IEC 60934:2019 is applicable to mechanical switching devices designed as "circuit breakers for equipment" (CBE) for household and similar applications. CBEs according to this document are intended to provide protection to circuits within electrical equipment including its components (e.g. motors, transformers, internal wiring). This document covers also CBEs applicable for protection of electrical equipment in case of undervoltage and/or overvoltage. This document also covers CBEs which are suitable for isolation. This fourth edition cancels and replaces the third edition published in 2000, Amendment 1:2007 and Amendment 2:2013. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) clarifications for type testing purposes.	20190130	53,913円 (本体49,920円)
IEC 60947-SER Ed. 1.0:2019	Low-voltage switchgear and controlgear – ALL PARTS	低電圧開閉装置及び制御装置－すべての部		20190122	811,944円 (本体751,800円)
IEC 60947-7-4 Ed. 2.0:2019	Low-voltage switchgear and controlgear – Part 7-4: Ancillary equipment – PCB terminal blocks for copper conductors	低電圧開閉装置及び制御装置－第7-4部:補助機器－銅導体用のPCB端子ブロック	IEC 60947-7-4:2019 is available as IEC 60947-7-4:2019 RLV which contains the International Standard and its Redline version, showing all changes of the technical content compared to the previous edition. IEC 60947-7-4:2019 specifies requirements for PCB terminal blocks primarily intended for industrial or similar use. Mounting and fixing on the printed circuit board is made by soldering, press-in or equivalent methods to provide electrical and mechanical connection between copper conductors and the printed circuit board. This document applies to PCB terminal blocks intended to connect copper conductors, with or without special preparation, having a cross-section between 0.08 mm ² and 300 mm ² (AWG 28–600 kcmil), intended to be used in circuits of a rated voltage not exceeding 1 000 V AC up to 1 000 Hz or 1 500 V DC. This second edition cancels and replaces the first edition published in 2013. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) additional test for PCB terminal blocks with clamping units, where contact pressure is transmitted through insulating materials; b) tightening torques for screws now given in Table 4 of this document (previously given in Table 4 of IEC 60947-1:2007); tightening torques added for an additional type of screw; c) new criteria for verification of contact resistance introduced; d) clarification in the description of the temperature-rise test (current-temperature derating); corrections in the test sequence according to Figure 4.	20190118	25,920円 (本体24,000円)

<p>IEC 60947-7-4 Ed. 2.0:2019 RLV (Redline version)</p>	<p>Low-voltage switchgear and controlgear - Part 7-4: Ancillary equipment - PCB terminal blocks for copper conductors</p>	<p>低電圧開閉装置及び制御装置-第7-4部:補助機器-銅導体用のPCB端子ブロック</p>	<p>IEC 60947-7-4:2019 RLV contains both the official IEC International Standard and its Redline version. The Redline version is not an official document, it is available in English only and provides you with a quick and easy way to compare all the changes between the official IEC Standard and its previous edition.IEC 60947-7-4:2019 specifies requirements for PCB terminal blocks primarily intended for industrial or similar use. Mounting and fixing on the printed circuit board is made by soldering, press-in or equivalent methods to provide electrical and mechanical connection between copper conductors and the printed circuit board. This document applies to PCB terminal blocks intended to connect copper conductors, with or without special preparation, having a cross-section between 0,08 mm2 and 300 mm2 (AWG 28-600 kcmil), intended to be used in circuits of a rated voltage not exceeding 1 000 V AC up to 1 000 Hz or 1 500 V DC. This second edition cancels and replaces the first edition published in 2013. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition:a) additional test for PCB terminal blocks with clamping units, where contact pressure is transmitted through insulating materials;b) tightening torques for screws now given in Table 4 of this document (previously given in Table 4 of IEC 60947-1:2007); tightening torques added for an additional type of screw;c) new criteria for verification of contact resistance introduced;d) clarification in the description of the temperature-rise test (current-temperature derating); corrections in the test sequence according to Figure 4.</p>	<p>20190118</p>	<p>33,696円 (本体31,200円)</p>
<p>IEC 60947-9-1 Ed. 1.0:2019</p>	<p>Low-voltage switchgear and controlgear - Part 9-1: Active arc-fault mitigation systems - Arc quenching devices</p>	<p>低電圧開閉装置及び制御装置-第9-1部:アクティブアーク故障緩和システム-アーク消去装置</p>	<p>IEC 60947-9-1:2019 covers low-voltage arc quenching devices, hereinafter referred to as AQDs, which are intended to eliminate arc-faults in low-voltage assemblies (typically low-voltage switchgear and controlgear assemblies in accordance with the IEC 61439 series), by creating a lower impedance current path, to cause the arcing current to transfer to the new current path. This new current path is maintained until a short-circuit protection device (SCPD) interrupts the short-circuit current.AQDs are installed in low-voltage assemblies, connected to the main circuit, preferably as close as possible to all primary power sources.Their rated voltage does not exceed 1 000 V AC or 1 500 V DC.</p>	<p>20190116</p>	<p>12,960円 (本体12,000円)</p>
<p>IEC 62271-SER Ed. 1.0:2019</p>	<p>High-voltage switchgear and controlgear - ALL PARTS</p>	<p>高電圧開閉装置及び制御装置-すべての部</p>		<p>20190213</p>	<p>1,229,774円 (本体1,138,680円)</p>
<p>IEC 62271-111 Ed. 3.0:2019</p>	<p>High-voltage switchgear and controlgear - Part 111: Automatic circuit reclosers for alternating current systems up to and including 38 kV</p>	<p>高電圧開閉装置及び制御装置-第111部:38 kV以下の交流電流系統のための自動回路リクローザ</p>	<p>IEC 62271-111:2019 applies to all overhead, pad-mounted, dry vault and submersible single or multi-pole alternating current automatic circuit reclosers for rated maximum voltages above 1 000 V and up to and including 38 kV.Devices that require a dependent manual operation are not covered by this document.In order to simplify this document where possible, the term recloser (or reclosers) has been substituted for automatic circuit recloser(s) or cutout mounted recloser(s) or both.This third edition cancels and replaces the second edition, published in 2012, and constitutes a technical revision. The main changes with respect to the previous edition are as follows: a) Deletion of the fault interrupter from the title, scope and body of the standard including the original Annex G. IEEE will develop a separate standard for this type of equipment used primarily in North America to be designated as IEEE C37.62;b) Adoption of IEC 62271-1:2017 as a normative reference replacing both IEEE C37.100.1-2007 and IEC 62271-1:2007;c) Adoption of the "standard test method" for the conduction of wet tests for both IEEE and IEC voltage ratings, reference 7.2.7.2 and Tables 2 and 3;d) Line and cable charging tests in 7.101.6: added test voltage level requirements;e) Added test specifications in 7.103.3 and 7.103.5 for effectively earthed neutral systems (first-pole-to-clear factor kpp = 1.3) making this an optional rating. The kpp parameters are used in lieu of the system terms;f) Added low current tests in 7.104 as a replacement of the critical current tests;g) Adopted the revised allowable temperature rise table of IEC 62271-1:2017 with an increase in the allowable temperature rise for certain points in non-oxidizing gases (NOG);h) Time-current test requirements in 7.108: several changes i</p>	<p>20190212</p>	<p>42,768円 (本体39,600円)</p>
<p>IEC 62271-209 Ed. 2.0:2019</p>	<p>High-voltage switchgear and controlgear - Part 209: Cable connections for gas-insulated metal-enclosed switchgear for rated voltages above 52 kV - Fluid-filled and extruded insulation cables - Fluid-filled and dry-type cable-terminations</p>	<p>高電圧開閉装置及び制御装置-第209部:52kV超の定格電圧のためのガス絶縁金属封入開閉装置のためのケーブル接続-流体充填及び押出絶縁ケーブル-流体充填及び乾式ケーブル終端</p>	<p>IEC 62271-209:2019 is available as IEC 62271-209:2019 RLV which contains the International Standard and its Redline version, showing all changes of the technical content compared to the previous edition.IEC 62271-209:2019 covers the connection assembly of fluid-filled and extruded cables to gas-insulated metal enclosed switchgear (GIS), in single- or three-phase arrangements where the cable terminations are fluid-filled or dry-type and there is a separating insulating barrier between the cable insulation and the gas insulation of the switchgear. This second edition cancels and replaces the first edition published in 2007. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition:a) New numbering in accordance with ISO/IEC directives, Part 2 (2016) and to IEC 62271-1:2017;b) Clause 3: addition of a definition for plug-in cable termination, filling pressure and minimum function pressure for insulation;c) Clause 7: An additional dielectric type test for plug-in cable termination was added; also a pressure type test as well as a leak rate test on the insulator of a cable termination was implemented;d) Clause 12: New clause about safety practices;e) Clause 13: New clause about influence of the product on the environment;f) New informative Annex A: Mechanical forces applied on the flange of the cable connection enclosure.</p>	<p>20190208</p>	<p>18,144円 (本体16,800円)</p>

<p>IEC 62271-209 Ed. 2.0:2019 RLV (Redline version)</p>	<p>High-voltage switchgear and controlgear – Part 209: Cable connections for gas-insulated metal-enclosed switchgear for rated voltages above 52 kV – Fluid-filled and extruded insulation cables – Fluid-filled and dry-type cable-terminations</p>	<p>高電圧開閉装置及び制御装置 – 第209部: 52kV超の定格電圧のためのガス絶縁金属封入開閉装置のためのケーブル接続 – 流体充填及び押出絶縁ケーブル – 流体充填及び乾式ケーブル終端</p>	<p>IEC 62271-209:2019 RLV contains both the official IEC International Standard and its Redline version. The Redline version is not an official document, it is available in English only and provides you with a quick and easy way to compare all the changes between the official IEC Standard and its previous edition. IEC 62271-209:2019 covers the connection assembly of fluid-filled and extruded cables to gas-insulated metal enclosed switchgear (GIS), in single- or three-phase arrangements where the cable terminations are fluid-filled or dry-type and there is a separating insulating barrier between the cable insulation and the gas insulation of the switchgear. This second edition cancels and replaces the first edition published in 2007. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) New numbering in accordance with ISO/IEC directives, Part 2 (2016) and to IEC 62271-1:2017; b) Clause 3: addition of a definition for plug-in cable termination, filling pressure and minimum function pressure for insulation; c) Clause 7: An additional dielectric type test for plug-in cable termination was added; also a pressure type test as well as a leak rate test on the insulator of a cable termination was implemented; d) Clause 12: New clause about safety practices; e) Clause 13: New clause about influence of the product on the environment; f) New informative Annex A: Mechanical forces applied on the flange of the cable connection enclosure.</p>	<p>20190208</p>	<p>23,587円 (本体21,840円)</p>
<p>IEC 62386-220 Ed. 1.0:2019</p>	<p>Digital addressable lighting interface – Part 220: Particular requirements for control gear – Centrally supplied emergency operation (device type 19)</p>	<p>デジタル調光照明インタフェース – 第220部: 電源別置形非常時用操作(装置タイプ19)</p>	<p>IEC 62386-220:2019 specifies a bus system for control by digital signals of electronic lighting equipment which is in line with the requirements of IEC 61347 (all parts), with the addition of DC supplies. This document is applicable to control gear supporting centrally supplied emergency operation as described in EN 50171. This document does not apply to self-contained emergency lighting control gear. These types of control gear are specified in IEC 62386-202.</p>	<p>20190124</p>	<p>22,032円 (本体20,400円)</p>
<p>IEC/TR 62559-1 Ed. 1.0:2019</p>	<p>Use case methodology – Part 1: Concept and processes in standardization</p>	<p>ユースケース方法論 – 第1部: 概念及び標準化におけるプロセス</p>	<p>IEC TR 62559-1:2019, which is a Technical Report, is the basis for a common use case repository, used to gather use cases within IEC on a common collaborative platform. The repository is used to organize and harmonize use cases in order to provide broadly accepted generic use cases as basis for the further standardization work. This document gives an overview about the individual parts of the IEC 62559 series, provides the background/basis for the use case approach defined therein (like terms or use case types), and introduces processes for collaborative use case collection within IEC. Operational documents like user manuals for software tools like the use case repository are not described in detail as they will be available online and might as well be frequently updated. This first edition, together with the other parts of the IEC TR 62559 series as described in the Introduction, cancels and replaces IEC PAS 62559 published in 2008. This edition constitutes a technical revision.</p>	<p>20190129</p>	<p>31,104円 (本体28,800円)</p>
<p>IEC 62717 Amd.2 Ed. 1.0:2019</p>	<p>Amendment 2 – LED modules for general lighting – Performance requirements</p>	<p>修正案2 – 一般照明用LEDモジュール – 性能要求事項</p>		<p>20190124</p>	<p>12,960円 (本体12,000円)</p>
<p>IEC 62717 Ed. 1.2:2019</p>	<p>LED modules for general lighting – Performance requirements</p>	<p>一般照明用LEDモジュール – 性能要求事項</p>	<p>IEC 62717:2014+A1:2015+A2:2019 specifies the performance requirements for LED modules, together with the test methods and conditions, required to show compliance with this standard. This first edition cancels and replaces IEC PAS 62717 published in 2011. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to IEC PAS 62717: – all terms and definitions are aligned with IEC 62504 and relevant documents of CIE. For example, general terms like “rated value” are shifted to IEC 62504, a statement on the applicability on a population is included, the normative references are completed and cleaned from standards that are not in use, with regard to EMC, references to harmonic currents are given, the change, which has an effect on most parts of the standard, is the split of failure mechanisms into abrupt failures and luminous flux depreciation. Consequently, new terms and definitions, new requirements for lumen maintenance and a complete new structure and contents of Annex C are introduced, transition from t_{max} to t_{rated} is made, with the background that there is not one t_{max}, but a choice of t_{rated} values, in combination with lifetime, places where to mark (product, packaging, data sheets) are changed, and as a consequence of the split of failure mechanisms, new parameters are listed. Further, changes in the endurance test (ramping speed of temperature) are reflected in marking, the concept of displacement factor instead of power factor is introduced. This led to new definitions, requirements and Annexes E and F, the requirements on luminous efficacy are changed, the requirements, associated with the family concept are reviewed, statistics, based on confidence intervals are removed.</p>	<p>20190124</p>	<p>58,320円 (本体54,000円)</p>
<p>IEC 62747 Amd.1 Ed. 1.0:2019</p>	<p>Amendment 1 – Terminology for voltage-sourced converters (VSC) for high-voltage direct current (HVDC) systems</p>	<p>修正案1 – 高電圧直流(HVDC)系統用電圧源コンバーター(VSC)の用語集</p>		<p>20190124</p>	<p>2,592円 (本体2,400円)</p>
<p>IEC 62747 Ed. 1.1:2019</p>	<p>Terminology for voltage-sourced converters (VSC) for high-voltage direct current (HVDC) systems</p>	<p>高電圧直流(HVDC)系統用電圧源コンバーター(VSC)の用語集</p>	<p>IEC 62747:2014+A1:2019 defines terms for the subject of self-commutated voltage-sourced converters used for transmission of power by high voltage direct current (HVDC). The standard is written mainly for the case of application of insulated gate bipolar transistors (IGBTs) in voltage-sourced converters (VSC) but may also be used for guidance in the event that other types of semiconductor devices which can both be turned on and turned off by control action are used. Line-commutated and current-sourced converters for high-voltage direct current (HVDC) power transmission systems are specifically excluded from this standard. The contents of the corrigendum of February 2015 have been included in this copy. This consolidated version consists of the first edition (2014) and its amendment 1 (2019). Therefore, no need to order amendment in addition to this publication.</p>	<p>20190124</p>	<p>38,880円 (本体36,000円)</p>

IEC 62899-501-1 Ed. 1.0:2019	Printed electronics – Part 501-1: Quality assessment – Failure modes and mechanical testing – Flexible and/or bendable primary or secondary cells	プリントエレクトロニクス – 第501-1部: 品質評価 – 故障モード及び機械試験 – 柔軟性のある及び又は曲げられる一次又は二次電池	IEC 62899-501-1:2019(E) specifies failure modes and mechanical stress test methods for the determination of reliability characteristics of bendable or flexible printed primary cells and secondary cells and batteries as defined in IEC 60050-482:2004, 482-01-01, IEC 60050-482:2004, 482-01-02, IEC 60050-482:2004, 482-01-03, IEC 60050-482:2004, 482-01-04 and IEC 60050-482:2004, 482-01-05, respectively. Important parameters and specifications for primary cells are mentioned in IEC 60086-1 and IEC 60086-2. IEC 61960-3, as well as IEC 61951-1 and IEC 61951-2 define performance tests, designations, markings, dimensions and other requirements for secondary single cells and batteries. IEC 62133-1 and IEC 62133-2 address general safety requirements of secondary cells and batteries.	20190116	9,072円 (本体8,400円)
IEC 62902 Ed. 1.0:2019	Secondary cells and batteries – Marking symbols for identification of their chemistry	二次電池及びバッテリー – 化学的性質の識別のための表示記号	IEC 62902:2019 specifies methods for the clear identification of secondary cells, batteries, battery modules and monoblocs according to their chemistry (electrochemical storage technology). The markings described in this document are applicable for secondary cells, batteries, battery modules and monoblocs with a volume of more than 900 cm ³ . The marking of the chemistry is useful for the installation, operation and decommissioning phases of battery life. Many recycling processes are chemistry specific, thus undesired events can occur when a battery which is not of the appropriate chemistry enters a given recycling process. In order to ensure safe handling during sorting and recycling processes, therefore, the battery is marked so as to identify its chemistry. IEC 62902:2019 defines the conditions of utilization of the markings indicating the chemistry of these secondary batteries. The details of markings and their application are defined in this document.	20190205	12,960円 (本体12,000円)
IEC/TR 63040 Ed. 1.0 en Cor.1:2019	Corrigendum 1 – Guidance on clearances and creepage distances in particular for distances equal to or less than 2 mm – Test results of research on influencing parameters	正誤票1 – 特に2 mm以下の距離に対する空間距離及び沿面距離の手引 – 影響要因に関する調査の試験結果		20190116	-
IEC/TS 63042-101 Ed. 1.0:2019	UHV AC transmission systems – Part 101: Voltage regulation and insulation design	UHV AC電送システム – 第101部: 電圧調節及び絶縁設計	IEC TS 63042-101:2019(E) specifies reactive power compensation design, voltage regulation and control, and insulation design for the coordination of UHV AC transmission systems.	20190124	22,032円 (本体20,400円)
IEC 63075 Ed. 1.0:2019	Superconducting AC power cables and their accessories for rated voltages from 6 kV to 500 kV – Test methods and requirements	定格電圧が6 kVから500 kVまでの超電導AC電力ケーブル及びその附属品	IEC 63075:2019 specifies test methods and requirements for high-temperature superconducting (HTS) AC power cable systems, cables and their accessories, for fixed installations, for rated voltages from 6 kV (Um = 7.2 kV) up to and including 500 kV (Um = 550 kV). The requirements apply to single-core, three-core and three-phase concentric cables with cold dielectric and their accessories that are not intended for fault current limitation purposes. This document does not cover special cables and their accessories, such as fault current limiting cables or submarine cables, for which modifications to the standard tests may be necessary or special test conditions may need to be devised. This document does not cover test methods and requirements for the cooling system.	20190205	31,104円 (本体28,800円)
IEC 63093-13 Ed. 1.0:2019	Ferrite cores – Guidelines on dimensions and the limits of surface irregularities – Part 13: PQ-cores	フェライト磁心 – 寸法の寸法及び限度地の手引 – 第13部: PQ磁心	IEC 63093-13:2019 specifies the dimensions that are of importance for mechanical interchangeability for a preferred range of PQ-cores and low-profile PQI-cores made of ferrite, and the locations of their terminal pins on a 2.54 mm printed wiring grid in relation to the base outlines of the cores. It also gives guidance on allowable limits of surface irregularities applicable to PQ-cores in accordance with the relevant generic specification. This first edition cancels and replaces the second edition of IEC 62317-13 published in 2015 and the first edition of IEC 60424-8 published in 2015. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous editions of IEC 62317-13 and IEC 60424-8a) IEC 63093-13 integrates IEC 62317-13 and IEC 60424-8b) IEC 60424-8:2015, Table 1, has been included in Annex B as Table B.1.	20190205	18,144円 (本体16,800円)

31 エレクトロニクス

規格番号	原文課題	邦訳課題(参考訳)	概要(英語)	制定年月日	定価(本体価格)
IEC 60122-4 Ed. 1.0:2019	Quartz crystal units of assessed quality – Part 4: Crystal units with thermistors	品質評価済みの水晶装置 – 第4部: サーマスタ付き水晶装置	IEC 60122-4:2019 is applicable to crystal units with thermistors mainly used in the field of mobile communication that requires high frequency stability such as local reference signal generator for the mobile phone base station or GPS. This document provides users with technical guidelines of crystal units with thermistors as well as basic knowledge of common crystal units with thermistors	20190124	9,072円 (本体8,400円)
IEC 60286-3 Ed. 6.0:2019	Packaging of components for automatic handling – Part 3: Packaging of surface mount components on continuous tapes	自動取扱いのための部品の包装 – 第3部: 連続テープ上への表面実装部品用包装	IEC 60286-3:2019 is available as IEC 60286-3:2019 RLV which contains the International Standard and its Redline version, showing all changes of the technical content compared to the previous edition. IEC 60286-3:2019 is applicable to the tape packaging of electronic components without leads or with lead stumps, intended to be connected to electronic circuits. It includes only those dimensions that are essential for the taping of components intended for the above-mentioned purposes. This document also includes requirements related to the packaging of singulated die products including bare die and bumped die (flip chips). This edition includes the following significant technical changes with respect to the previous edition: addition of a table of the classification to symbols concerning tape, reel and common symbols; additions of a figure of example of polarity and orientation and a figure of example of dot seal; revision of requirements for camber; addition of a definition of design value with regard to tilt.	20190116	31,104円 (本体28,800円)

<p>IEC 60286-3 Ed. 6.0:2019 RLV (Redline version)</p>	<p>Packaging of components for automatic handling – Part 3: Packaging of surface mount components on continuous tapes</p>	<p>自動取扱いのための部品の包装 – 第3部: 連続テープ上への表面実装部品用包装</p>	<p>IEC 60286-3:2019 RLV contains both the official IEC International Standard and its Redline version. The Redline version is not an official document, it is available in English only and provides you with a quick and easy way to compare all the changes between the official IEC Standard and its previous edition. IEC 60286-3:2019 is applicable to the tape packaging of electronic components without leads or with lead stumps, intended to be connected to electronic circuits. It includes only those dimensions that are essential for the taping of components intended for the above-mentioned purposes. This document also includes requirements related to the packaging of singulated die products including bare die and bumped die (flip chips). This edition includes the following significant technical changes with respect to the previous edition: addition of a table of the classification to symbols concerning tape, reel and common symbols; additions of a figure of example of polarity and orientation and a figure of example of dot seal; revision of requirements for camber; addition of a definition of design value with regard to tilt.</p>	<p>20190116</p>	<p>40,435円 (本体37,440円)</p>
<p>IEC 60384-21 Ed. 3.0:2019</p>	<p>Fixed capacitors for use in electronic equipment – Part 21: Sectional specification – Fixed surface mount multilayer capacitors of ceramic dielectric, Class 1</p>	<p>電子機器に使用するための固定コンデンサ – 第21部: 品種別通則: セラミック誘電の固定表面実装多層コンデンサ, クラス1</p>	<p>IEC 60384-21:2019 is available as IEC 60384-21:2019 RLV which contains the International Standard and its Redline version, showing all changes of the technical content compared to the previous edition. IEC 60384-21:2019 is applicable to fixed unencapsulated surface mount multilayer capacitors of ceramic dielectric, Class 1, for use in electronic equipment. These capacitors have metallized connecting pads or soldering strips and are intended to be mounted on printed boards, or directly onto substrates for hybrid circuits. Capacitors for electromagnetic interference suppression are not included, but are covered by IEC 60384-14. The object of this document is to prescribe preferred ratings and characteristics and to select from IEC 60384-1 the appropriate quality assessment procedures, tests and measuring methods and to give general performance requirements for this type of capacitor. Test severities and requirements prescribed in detail specifications referring to this sectional specification are of equal or higher performance levels; lower performance levels are not permitted. This edition includes the following significant technical changes with respect to the previous edition: revision of the structure in accordance with ISO/IEC Directives, Part 2:2016 to the extent practicable, and for harmonizing with IEC 60384-22: deletion of the description on the permissible reactive power in 6.2.2 because it is not appropriate for the purposes of this document; the dimensions of 0201M in Annex A have been added.</p>	<p>20190129</p>	<p>31,104円 (本体28,800円)</p>
<p>IEC 60384-21 Ed. 3.0:2019 RLV (Redline version)</p>	<p>Fixed capacitors for use in electronic equipment – Part 21: Sectional specification – Fixed surface mount multilayer capacitors of ceramic dielectric, Class 1</p>	<p>電子機器に使用するための固定コンデンサ – 第21部: 品種別通則: セラミック誘電の固定表面実装多層コンデンサ, クラス1</p>	<p>IEC 60384-21:2019 RLV contains both the official IEC International Standard and its Redline version. The Redline version is not an official document, it is available in English only and provides you with a quick and easy way to compare all the changes between the official IEC Standard and its previous edition. IEC 60384-21:2019 is applicable to fixed unencapsulated surface mount multilayer capacitors of ceramic dielectric, Class 1, for use in electronic equipment. These capacitors have metallized connecting pads or soldering strips and are intended to be mounted on printed boards, or directly onto substrates for hybrid circuits. Capacitors for electromagnetic interference suppression are not included, but are covered by IEC 60384-14. The object of this document is to prescribe preferred ratings and characteristics and to select from IEC 60384-1 the appropriate quality assessment procedures, tests and measuring methods and to give general performance requirements for this type of capacitor. Test severities and requirements prescribed in detail specifications referring to this sectional specification are of equal or higher performance levels; lower performance levels are not permitted. This edition includes the following significant technical changes with respect to the previous edition: revision of the structure in accordance with ISO/IEC Directives, Part 2:2016 to the extent practicable, and for harmonizing with IEC 60384-22: deletion of the description on the permissible reactive power in 6.2.2 because it is not appropriate for the purposes of this document; the dimensions of 0201M in Annex A have been added.</p>	<p>20190129</p>	<p>40,435円 (本体37,440円)</p>
<p>IEC 60384-22 Ed. 3.0:2019</p>	<p>Fixed capacitors for use in electronic equipment – Part 22: Sectional specification – Fixed surface mount multilayer capacitors of ceramic dielectric, Class 2</p>	<p>電子機器に使用するための固定コンデンサ – 第22部: 品種別通則: セラミック誘電の固定表面実装多層コンデンサ, クラス2</p>	<p>IEC 60384-22:2019 is available as IEC 60384-22:2019 RLV which contains the International Standard and its Redline version, showing all changes of the technical content compared to the previous edition. IEC 60384-22:2019 is applicable to fixed unencapsulated surface mount multilayer capacitors of ceramic dielectric, Class 2, for use in electronic equipment. These capacitors have metallized connecting pads or soldering strips and are intended to be mounted on printed boards, or directly onto substrates for hybrid circuits. Capacitors for electromagnetic interference suppression are not included, but are covered by IEC 60384-14. The object of this document is to prescribe preferred ratings and characteristics and to select from IEC 60384-1 the appropriate quality assessment procedures, tests and measuring methods and to give general performance requirements for this type of capacitor. Test severities and requirements prescribed in detail specifications referring to this sectional specification are of equal or higher performance levels; lower performance levels are not permitted. This edition includes the following significant technical changes with respect to the previous edition: revision of the structure in accordance with ISO/IEC Directives, Part 2:2016 (seventh edition) to the extent practicable, and for harmonizing with IEC 60384-21; deletion of the description on the permissible reactive power in 6.2.2 because it is not appropriate for the purposes of this document; the dimensions of 0201M in Annex A have been added.</p>	<p>20190129</p>	<p>31,104円 (本体28,800円)</p>

<p>IEC 60384-22 Ed. 3.0:2019 RLV (Redline version)</p>	<p>Fixed capacitors for use in electronic equipment – Part 22: Sectional specification – Fixed surface mount multilayer capacitors of ceramic dielectric, Class 2</p>	<p>電子機器に使用するための固定コンデンサ—第22部: 品種別通則: セラミック誘電の固定表面実装多層コンデンサ, クラス2</p>	<p>IEC 60384-22:2019 RLV contains both the official IEC International Standard and its Redline version. The Redline version is not an official document, it is available in English only and provides you with a quick and easy way to compare all the changes between the official IEC Standard and its previous edition.IEC 60384-22:2019 is applicable to fixed unencapsulated surface mount multilayer capacitors of ceramic dielectric, Class 2, for use in electronic equipment. These capacitors have metallized connecting pads or soldering strips and are intended to be mounted on printed boards, or directly onto substrates for hybrid circuits. Capacitors for electromagnetic interference suppression are not included, but are covered by IEC 60384-14. The object of this document is to prescribe preferred ratings and characteristics and to select from IEC 60384-1 the appropriate quality assessment procedures, tests and measuring methods and to give general performance requirements for this type of capacitor. Test severities and requirements prescribed in detail specifications referring to this sectional specification are of equal or higher performance levels, lower performance levels are not permitted. This edition includes the following significant technical changes with respect to the previous edition: revision of the structure in accordance with ISO/IEC Directives, Part 2:2016 (seventh edition) to the extent practicable, and for harmonizing with IEC 60384-21; deletion of the description on the permissible reactive power in 6.2.2 because it is not appropriate for the purposes of this document; the dimensions of 0201M in Annex A have been added.</p>	<p>20190129</p>	<p>40,435円 (本体37,440円)</p>
<p>IEC 60825-SER Ed. 1.0:2019</p>	<p>Safety of laser products – ALL PARTS</p>	<p>レーザ製品の安全性—すべての部</p>		<p>20190211</p>	<p>293,025円 (本体271,320円)</p>
<p>IEC 60825-12 Ed. 2.0:2019</p>	<p>Safety of laser products – Part 12: Safety of free space optical communication systems used for transmission of information</p>	<p>レーザ製品の安全性—第12部: 情報伝達に利用される自由空間光通信システムの安全性</p>	<p>IEC 60825-12:2019 is available as IEC 60825-12:2019 RLV which contains the International Standard and its Redline version, showing all changes of the technical content compared to the previous edition.IEC 60825-12:2019 provides requirements and specific guidance for the manufacture and safe use of laser products and systems used for point-to-point or point-to-multipoint free space optical data transmission in the wavelength range from 180 nm to 1 mm. This document only addresses the open beam portion of the system. If portions of the equipment or system incorporate optical fibre that extends from the confinements of the enclosure(s), the manufacturing and safety requirements in IEC 60825-2 apply to those portions only. This document does not apply to systems designed for the purposes of transmitting optical power for applications such as material processing or medical treatment. This document also does not apply to the use of systems in explosive atmospheres (see IEC 60079-0). Light-emitting diodes (LEDs) employed by free space optical communication systems (FSOCSs), used for the purpose of free space optical data transmission, do not fall into the scope of this document. This document covers lasers employed by FSOCSs used for the purpose of free space optical data transmission. This document: provides information to protect people from potentially hazardous optical radiation produced by FSOCSs by specifying engineering controls and requirements, administrative controls and work practices according to the degree of the hazard; and specifies requirements for manufacturing, installation, service and operating organizations in order to establish procedures and provide written information so that proper precautions can be adopted.Because of the nature of FSOCSs.</p>	<p>20190208</p>	<p>25,920円 (本体24,000円)</p>
<p>IEC 60825-12 Ed. 2.0:2019 RLV (Redline version)</p>	<p>Safety of laser products – Part 12: Safety of free space optical communication systems used for transmission of information</p>	<p>レーザ製品の安全性—第12部: 情報伝達に利用される自由空間光通信システムの安全性</p>	<p>IEC 60825-12:2019 RLV contains both the official IEC International Standard and its Redline version. The Redline version is not an official document, it is available in English only and provides you with a quick and easy way to compare all the changes between the official IEC Standard and its previous edition.IEC 60825-12:2019 provides requirements and specific guidance for the manufacture and safe use of laser products and systems used for point-to-point or point-to-multipoint free space optical data transmission in the wavelength range from 180 nm to 1 mm. This document only addresses the open beam portion of the system. If portions of the equipment or system incorporate optical fibre that extends from the confinements of the enclosure(s), the manufacturing and safety requirements in IEC 60825-2 apply to those portions only. This document does not apply to systems designed for the purposes of transmitting optical power for applications such as material processing or medical treatment. This document also does not apply to the use of systems in explosive atmospheres (see IEC 60079-0). Light-emitting diodes (LEDs) employed by free space optical communication systems (FSOCSs), used for the purpose of free space optical data transmission, do not fall into the scope of this document. This document covers lasers employed by FSOCSs used for the purpose of free space optical data transmission. This document: provides information to protect people from potentially hazardous optical radiation produced by FSOCSs by specifying engineering controls and requirements, administrative controls and work practices according to the degree of the hazard;</p>	<p>20190208</p>	<p>33,696円 (本体31,200円)</p>

IEC 61020-1 Ed. 3.0:2019	Electromechanical switches for use in electrical and electronic equipment - Part 1: Generic specification	電気・電子機器で使用する電気機械式スイッチー第1部:品目別通則	IEC 61020-1:2019 specifies the terminology, symbols, test methods and other necessary information to provide consistency in detail specifications for electromechanical switches. This document relates to electromechanical switches intended for use in electrical and electronic appliances. Switches covered by this document(a) are devices which open, close, or change the connection of a circuit by the mechanical motion of conducting parts (contacts).b) have a maximum rated voltage of 480 V.c) have a maximum rated current of 63 A. This third edition cancels and replaces the second edition published in 2009. This edition includes the following significant technical changes with respect to the previous edition: a) In accordance with the ISO/IEC Directives, Part 2:2016, Clause 2 General has been replaced by two new clauses: Clause 2 Normative references and Clause 3 Terms, definitions, units and symbols. 2.4 Preferred values and 2.5 Marking have been moved to Clauses 5 and 6. In addition, 6.2 Markings on packaging has been added. b) Clause 3 Quality assurance procedures and Annex A have been deleted. c) 4.3.6.3 Returning force has been added. d) 4.3.6.4 Travel (movement of the actuator) has been added. e) 4.12 Environmental testing: 4.12.1.3 and 4.12.1.5 have been renumbered 4.12.2 and 4.12.3, respectively. 4.12.1.4 and 4.12.1.7 have been integrated in 4.12.5. 4.12.10 Salt mist has been added. f) Following publication of IEC 61058-1-1:2016, some cross-references to IEC 61058-1 have been updated. g) The following items have been updated with respect to the second edition: - Tables and figures: Tables 1 and 3 have been deleted, Table 4 has been renumbered to Table 10. New Tables 2, 3, 4, 5, 6, 7, 8 and 9 have been added. Figure 1 has been renumbered to Figure 3, Figure 2 renumbered to Figure 4.	20190116	38,880円 (本体36,000円)
IEC 61747-30-5 Ed. 1.0:2019	Liquid crystal display devices - Part 30-5: Optical measuring methods of transmissive transparent LCD modules	液晶表示装置ー第30-5部:透過透明LCDモジュールの光学測定法	IEC 61747-30-5:2019(E) specifies the standard measurement conditions and measuring methods for determining the optical properties of transparent liquid crystal display modules which operate in a transmissive mode. More specifically, this document focuses on three particular aspects of the transparent properties, i.e. transmittance, haze, and image distortion.	20190118	22,032円 (本体20,400円)
IEC 62047-32 Ed. 1.0:2019	Semiconductor devices - Micro-electromechanical devices - Part 32: Test method for the nonlinear vibration of MEMS resonators	半導体素子ー超小型電気機械素子ー第32部:MEMS共振回路の非リニア振動の試験方法	IEC 62047-32:2019 specifies the test method and test condition for the nonlinear vibration of MEMS resonators. The statements made in this document apply to the development and manufacture for MEMS resonators.	20190124	12,960円 (本体12,000円)
IEC/TR 62629-41-1 Ed. 1.0:2019	3D Display devices Part 41-1: Generic introduction of holographic display	3D表示装置ー第41-1部:ホログラフィックディスプレイの導入書	IEC TR 62629-41-1:2019(E) provides general information for the standardization of holographic displays. This document is intended to gather technical information on holographic displays and to identify optical measurement items that would be required to characterize their performance.	20190205	18,144円 (本体16,800円)
IEC/TS 62977-3-1 Ed. 1.0:2019	Electronic displays - Part 3-1: Evaluation of optical performances Colour difference based viewing direction dependence	電子表示装置ー第3-1部:光学性能の評価 視野方向依存性に基づく色差	IEC TS 62977-3-1:2019(E) specifies the evaluation method of the viewing direction characteristics of electronic display devices under dark-room conditions. More specifically, this document focuses on the evaluation of the viewing direction characteristics based on colour difference. This document applies to colour matrix displays, which are based on transmissive or emissive technologies.	20190213	25,920円 (本体24,000円)
IEC 63068-1 Ed. 1.0:2019	Semiconductor devices - Non-destructive recognition criteria of defects in silicon carbide homoepitaxial wafer for power devices - Part 1: Classification of defects	半導体素子ー電源デバイス用の炭化ケイ素ホモエピタキシャルウェハーの欠陥の非破壊認識基準ー第1部:欠陥の分類	IEC 63068-1:2019(E) gives a classification of defects in as-grown 4H-SiC (Silicon Carbide) epitaxial layers. The defects are classified on the basis of their crystallographic structures and recognized by non-destructive detection methods including bright-field OM (optical microscopy), PL (photoluminescence), and XRT (X-ray topography) images.	20190130	18,144円 (本体16,800円)
IEC 63068-2 Ed. 1.0:2019	Semiconductor devices Non-destructive recognition criteria of defects in silicon carbide homoepitaxial wafer for power devices - Part 2: Test method for defects using optical inspection	半導体素子ー電源デバイス用の炭化ケイ素ホモエピタキシャルウェハーの欠陥の非破壊認識基準ー第2部:光学検査による欠陥の試験方法	IEC 63068-2:2019(E) provides definitions and guidance in use of optical inspection for detecting as-grown defects in commercially available 4H-SiC (Silicon Carbide) epitaxial wafers. Additionally, this document exemplifies optical images to enable the detection and categorization of the defects for SiC homoepitaxial wafers. This document deals with a non-destructive test method for the defects so that destructive methods such as preferential etching are out of scope in this document.	20190130	18,144円 (本体16,800円)

33 電気通信工学、オーディオ及びビデオ工学

規格番号	原文課題	邦訳課題(参考訳)	概要(英語)	制定年月日	定価(本体価格)
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CISPR 11 Ed. 6.2:2019	Industrial, scientific and medical equipment – Radio-frequency disturbance characteristics – Limits and methods of measurement	工業用、科学用及び医療用機器 – 無線周波妨害特性 – 限度値及び測定方法	CISPR 11:2015+A1:2016+A2:2019 applies to industrial, scientific and medical electrical equipment operating in the frequency range 0 Hz to 400 GHz and to domestic and similar appliances designed to generate and/or use locally radio-frequency energy. This standard covers emission requirements related to radio-frequency (RF) disturbances in the frequency range of 9 kHz to 400 GHz. Measurements need only be performed in frequency ranges where limits are specified in Clause 6. For ISM RF applications in the meaning of the definition found in the ITU Radio Regulations (see Definition 3.13), this standard covers emission requirements related to radio-frequency disturbances in the frequency range of 9 kHz to 18 GHz. Requirements for ISM RF lighting equipment and UV irradiators operating at frequencies within the ISM frequency bands defined by the ITU Radio Regulations are contained in this standard. Equipment covered by other CISPR product and product family emission standards are excluded from the scope of this standard. This sixth edition cancels and replaces the fifth edition published in 2009 and its Amendment 1 published in 2010. It constitutes a technical revision. It introduces and permits type testing on components of power electronic equipment, systems and installations. Its emission limits apply now to low voltage (LV) a.c. and d.c. power ports, irrespective of the direction of power transmission. Several limits were adapted to the practical test conditions found at test sites. They are also applicable now to power electronic ISM RF equipment used for wireless power transfer (WPT), for instant power supply and charging purposes. The limits in the range 1 GHz to 18 GHz apply now to CW-type disturbances and to fluctuating disturbances in a similar, uniform and technology-neutral way. For these measurements,	20190118	58,320円 (本体54,000円)
CISPR 11 Amd.2 Ed. 6.0:2019	Amendment 2 – Industrial scientific and medical equipment – Radio-frequency disturbance characteristics – Limits and methods of measurement	修正票2 – 工業用、科学用及び医療用機器 – 無線周波妨害特性 – 限度値及び測定方法		20190118	5,184円 (本体4,800円)
CISPR 16-4-2 Amd.2 Ed. 2.0 b Cor.1:2019	Corrigendum 1 – Amendment 2 – Specification for radio disturbance and immunity measuring apparatus and methods – Part 4-2: Uncertainties, statistics and limit modelling – Measurement instrumentation uncertainty	正誤票1 – 修正票2 – 無線妨害及びイミューニティ測定装置並びに測定方法の仕様書 – 第4-2部: 不確かさ、統計値及び限度値モデリング – 測定機器の不確かさ		20190116	-
IEC 60793-1-31 Ed. 3.0:2019	Optical fibres – Part 1-31: Measurement methods and test procedures – Tensile strength	光ファイバー 第1-31部: 測定方法及び試験手順 – 引張強度	IEC 60793-1-31:2019 provides values of the tensile strength under dynamic loading of optical fibre samples. The method tests individual lengths of uncabled and unbundled glass optical fibre. Sections of fibre are broken with controlled increasing stress or strain that is uniform over the entire fibre length and cross section. The stress or strain is increased at a nominally constant rate until breakage occurs. The distribution of the tensile strength values of a given fibre strongly depends on the sample length, loading velocity and environmental conditions. The test can be used for inspection where statistical data on fibre strength is required. Results are reported by means of statistical quality control distribution. Normally, the test is carried out after temperature and humidity conditioning of the sample. However, in some cases, it can be sufficient to measure the values at ambient temperature and humidity conditions. This method is applicable to categories A1, A2, and A3, and classes B and C optical fibres. The object of this document is to establish uniform requirements for the mechanical characteristic: tensile strength. This third edition cancels and replaces the second edition published in 2010. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition:a) correction of Formulae (3b) and (4b) and renumbering of formulae.Keywords: tensile strength under dynamic loading of optical fibre samples	20190206	22,032円 (本体20,400円)
IEC 60966-1 Ed. 3.0:2019	Radio frequency and coaxial cable assemblies – Part 1: Generic specification – General requirements and test methods	無線周波数及び同軸ケーブルアセンブリ – 第1部: 品目別通則 – 一般要求事項及び試験方法	IEC 60966-1:2019 is available as IEC 60966-1:2019 RLV which contains the International Standard and its Redline version, showing all changes of the technical content compared to the previous edition.IEC 60966-1:2019 specifies requirements for radio frequency coaxial cable assemblies operating in the transverse electromagnetic mode (TEM) and establishes general requirements for testing the electrical, mechanical and environmental properties of radio frequency coaxial cable assemblies composed of cables and connectors. Additional requirements relating to specific families of cable assemblies are given in the relevant sectional specifications. This third edition cancels and replaces the second edition published in 1999. This edition includes the following significant technical changes with respect to the previous edition:a) measurement method for screening effectiveness was cancelled;b) give references to relevant test procedures for transfer impedance and screening attenuation	20190208	34,992円 (本体32,400円)
IEC 60966-1 Ed. 3.0:2019 RLV (Redline version)	Radio frequency and coaxial cable assemblies – Part 1: Generic specification – General requirements and test methods	無線周波数及び同軸ケーブルアセンブリ – 第1部: 品目別通則 – 一般要求事項及び試験方法	IEC 60966-1:2019 RLV contains both the official IEC International Standard and its Redline version. The Redline version is not an official document, it is available in English only and provides you with a quick and easy way to compare all the changes between the official IEC Standard and its previous edition.IEC 60966-1:2019 specifies requirements for radio frequency coaxial cable assemblies operating in the transverse electromagnetic mode (TEM) and establishes general requirements for testing the electrical, mechanical and environmental properties of radio frequency coaxial cable assemblies composed of cables and connectors. Additional requirements relating to specific families of cable assemblies are given in the relevant sectional specifications. This third edition cancels and replaces the second edition published in 1999. This edition includes the following significant technical changes with respect to the previous edition:a) measurement method for screening effectiveness was cancelled;b) give references to relevant test procedures for transfer impedance and screening attenuation	20190208	45,489円 (本体42,120円)

IEC/TR 61000-1-8 Ed. 1.0:2019	Electromagnetic compatibility – Part 1-8: Phase angles of harmonic current emissions and voltages in the public supply networks – Future expectations	電磁両立性－第1-8部：公共電源網における高周波電流エミッション及び電圧の位相角	IEC TR 61000-1-8:2019, which is a technical report, provides information about the current conditions, and project future developments, of prevailing phase angles, predominantly for the 3rd and 5th harmonic currents, on public supply networks. This objective is accomplished by monitoring a number of networks, and efforts to forecast the effects of changes in technologies. This document presents information to guide the discussion about the effectiveness of potential mitigation techniques and the generalisation of effects of the prevailing angle positions of selected current harmonics. This document mainly deals with the phase angles of the 3rd and 5th harmonic currents, but also contains information about other harmonics. Keywords: 3rd and 5th harmonic currents, phase angles	20190116	38,880円 (本体36,000円)
IEC/TR 61292-8 Ed. 1.0:2019	Optical amplifiers Part 8: High-power amplifiers	光増幅器－第8部：高出力増幅器	IEC TR 61292-8:2019, which is a technical report, deals with high-power optical amplifiers. It provides general information relating to high-power optical amplifiers with an output power greater than 500 mW for the fibre communication field. It covers the following aspects: general information; example of the optical amplifier's configuration realizing high optical output power; test method for optical output power and gain; considerations on high-power optical amplifiers. Potential applications of high-power optical amplifiers are briefly reviewed in Annex A. Informative IEC documents related to high optical power are listed in Annex B. Keywords: high-power amplifiers	20190116	12,960円 (本体12,000円)
IEC 61300-2-4 Ed. 2.0:2019	Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-4: Tests – Fibre or cable retention	光ファイバ相互接続装置及び受動部品－基本試験及び計測手順－第2-4部：試験－ファイバー又はケーブル保持	IEC 61300-2-4:2019 is available as IEC 61300-2-4:2019 RLV which contains the International Standard and its Redline version, showing all changes of the technical content compared to the previous edition. IEC 61300-2-4:2019 is to ensure that the retention or attachment of the fibre, cord or cable in a fibre optic device or an enclosure. This second edition cancels and replaces the first edition published in 1995. This edition includes the following significant technical changes with respect to the previous edition: a) addition of Clause 2, Normative references; b) clarification of the test procedures; c) clarification of the severities; d) modification of the whole document structure according to the latest ISO/IEC Directives. Keywords: tensile load applied to the fibre, cord or cable	20190116	9,072円 (本体8,400円)
IEC 61300-2-4 Ed. 2.0:2019 RLV (Redline version)	Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-4: Tests – Fibre or cable retention	光ファイバ相互接続装置及び受動部品－基本試験及び計測手順－第2-4部：試験－ファイバー又はケーブル保持	IEC 61300-2-4:2019 RLV contains both the official IEC International Standard and its Redline version. The Redline version is not an official document, it is available in English only and provides you with a quick and easy way to compare all the changes between the official IEC Standard and its previous edition. IEC 61300-2-4:2019 is to ensure that the retention or attachment of the fibre, cord or cable in a fibre optic device or an enclosure. This second edition cancels and replaces the first edition published in 1995. This edition includes the following significant technical changes with respect to the previous edition: a) addition of Clause 2, Normative references; b) clarification of the test procedures; c) clarification of the severities; d) modification of the whole document structure according to the latest ISO/IEC Directives. Keywords: tensile load applied to the fibre, cord or cable	20190116	11,793円 (本体10,920円)
IEC 61850-SER Ed. 1.0:2019	Communication networks and systems for power utility automation – ALL PARTS			20190116	1,222,776円 (本体1,132,200円)
IEC/TR 61850-7-6 Ed. 1.0:2019	Communication networks and systems for power utility automation Part 7-6: Guideline for definition of Basic Application Profiles (BAPs) using IEC 61850	電カユーティリティ自動化のための通信ネットワーク及びシステム－第7-6部：IEC 61850を使用する基本アプリケーションプロファイル(BAP)の定義の指針	IEC TR 61850-7-6:2019(E), which is a technical report, is focused on building application / function profiles and specifies a methodology to define Basic Application Profiles (BAPs). These Basic Application Profiles provide a framework for interoperable interaction within or between typical substation automation functions. BAPs are intended to define a subset of features of IEC 61850 in order to facilitate interoperability in a modular way in practical applications. It is the intention of this document to provide a common and generic way to describe the functional behaviour of a specific application function in the domain of power utility automation systems as a common denominator of various possible interpretations/implementations of using IEC 61850.	20190116	38,880円 (本体36,000円)
IEC 61937-5 Amd.1 Ed. 2.0:2019	Amendment 1 – Digital audio – Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 – Part 5: Non-linear PCM bitstreams according to the DTS (Digital Theater Systems) format(s)	修正案1－デジタルオーディオ－IEC 60958を適用した非リニアPCM エンコード化オーディオビットストリームのインタフェース：第5部：DTS(デジタルシアターシステム)フォーマットに従った非リニアPCM ビットストリーム		20190124	2,592円 (本体2,400円)
IEC 61937-5 Ed. 2.1:2019	Digital audio – Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 – Part 5: Non-linear PCM bitstreams according to the DTS (Digital Theater Systems) format(s)	デジタルオーディオ－IEC 60958を適用した非リニアPCM エンコード化オーディオビットストリームのインタフェース：第5部：DTS(デジタルシアターシステム)フォーマットに従った非リニアPCM ビットストリーム	IEC 61937-5:2006+A1:2019 describes audio bitstreams encoded according to the Digital Theater Systems (DTS) format data-types I, II, III, and IV. This consolidated version consists of the second edition (2006) and its amendment 1 (2019). Therefore, no need to order amendment in addition to this publication.	20190124	15,552円 (本体14,400円)
IEC 62343-1 Ed. 2.0:2019	Dynamic modules – Part 1: Performance standards – General conditions	動係数－第1部：性能基準－一般条件	IEC 62343-1:2019 provides general conditions for the standard performance of optical dynamic modules. All performance standards of dynamic modules are based on the general conditions defined in this document. Additional conditions are included in individual performance standards. This second edition cancels and replaces the first edition, published in 2016, and constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) errors of Table 1 has been corrected; b) the contents of Table A.1 has been revised. Keywords: standard performance of optical dynamic modules	20190206	5,184円 (本体4,800円)
IEC 62496-4-1 Ed. 1.0:2019	Optical circuit boards – Part 4-1: Interface standards Terminated waveguide OCB assembly using single-row twelve-channel PMT connectors	光回路板－第4-1部：インタフェース規格－シングルロー12チャンネルPMTコネクタを使用する終端導波管OCBアセンブリ	IEC 62496-4-1:2019 defines the standard interface dimensions for a terminated waveguide optical circuit board (OCB) assembly (referred to simply as assembly) using single-row twelve-channel polymer waveguides for a PMT connector and a waveguide OCB that can be interconnected with a terminated MT ferrule. Keywords: interface dimensions for a terminated waveguide optical circuit board (OCB)	20190205	9,072円 (本体8,400円)

IEC 62783-1 Ed. 1.0:2019	Twinax cables for digital communications - Part 1: Generic specification	デジタル通信用ツイナックスケーブル - 第1部: 品目別通則	IEC 62783-1:2019(E) specifies definitions and requirements of twinax cables used in digital communication systems. These cables are intended to be used in indoor applications. This generic specification details the requirements and transmission characteristics for single twinax elements as well as multiple twinax elements within the same sheath, i.e. "twinax cable". This generic specification is supplemented with family specifications that give additional requirements based on the specific application, e.g. the maximum specified frequency of the cables.	20190124	12,960円 (本体12,000円)
IEC 62783-2 Ed. 1.0:2019	Twinax cables for digital communications - Part 2: Family specification - Cable for Ethernet-over-twinax physical interfaces	デジタル通信用ツイナックスケーブル - 第2部: ファミリー仕様 - イーサネット・ツイナックス物理インタフェース間のケーブル	IEC 62783-2:2019 covers indoor cables and specifies the definitions and requirements of twin-axial cables used in digital communication systems. This document, which is a family specification, gives additional requirements for twinax cables for use in IEEE Std 802.3 Ethernet physical interfaces. This document gives requirements and transmission characteristics for single twinax elements as well as for multiple twinax elements within the same sheath, i.e. "twinax cable". This International Standard is to be used in conjunction with IEC 62783-1:2019.	20190124	9,072円 (本体8,400円)
IEC/TR 62839-2 Ed. 1.0:2019	Environmental declaration - Part 2: Optical/copper telecom accessories products specific rules	環境宣言 - 第2部: 光/銅テレコム附属製品個別規則	IEC TR 61839-2:2019 specifies the PSR (product specific rules) for optical/copper telecom accessories products. It covers the use, installation and end of life stages and provides methodological precisions to PEP/PCR writing for "optical/copper telecom accessories" products used for communication, data, control and command. PSR and general rules all together form the product category rules. This specification document is primarily intended for: environment and/or product managers; LCA (life cycle assessment) experts in companies, in charge of PEP/PCR development; verifiers in charge of PEP/PCR conformity assessment in accordance with the defined rules.	20190129	9,072円 (本体8,400円)
IEC/TR 63194 Ed. 1.0:2019	Guidance on colour coding of optical fibre cables	光ファイバケーブルの色識別の手引	IEC TR 63194:2019 which is a Technical Report, examines the need for and intent of colour coding of optical fibre cables. Further, this document lists the major colour codes in various regions throughout the world. Noting that decades of discussion of a universal recommended colour coding scheme has failed to bring about an agreement, this document does not intend to promote any listed colour code above any other. This document includes regional information on the colour coding of units when different from the fibre code, and of jackets to convey information about the types of fibres within, or the types of performance expected. It also includes information on colours beyond the basic 12 set out in IEC 60304. This document is not a normative document, but, rather, a guide to the subject of colour coding of cables.	20190130	25,920円 (本体24,000円)

35 情報技術. 事務機械

規格番号	原文標題	邦訳標題(参考訳)	概要(英語)	制定年月日	定価(本体価格)
IEC 61937-SER Ed. 1.0:2019	Digital audio - Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 - ALL PARTS			20190124	171,979円 (本体159,240円)

45 鉄道工学

規格番号	原文標題	邦訳標題(参考訳)	概要(英語)	制定年月日	定価(本体価格)
IEC 62888-6 Ed. 1.0:2019	Railway applications - Energy measurement on board trains - Part 6: Requirements for purposes other than billing	鉄道分野 - 車上エネルギー測定 - 第6部: 請求書作成以外の目的の要求事項	IEC 62888-6:2019 specifies the specific requirements for EMS to be used for benchmarking, daily energy consumption monitoring, technical research and development. This document provides the requirements for monitoring consumed energy on board in daily services in an easy way and the measured data are applicable for general purposes in industry such as energy management, energy saving, etc. However, this document is not applicable for billing purposes. The practical purposes in industrial fields are, e.g.: a) monitoring daily energy consumption of vehicles b) obtaining data on influential factors, such as operational commands and surrounding conditions, in order to analyse relations between operations and energy; c) energy management of power flow between vehicles and fixed installations; d) implementing investigation tests of research and development for vehicle systems; e) energy cost forecasting for analysing overall efficiency and consumption. The requirements specified in this document supplement and/or amend the requirements specified in IEC 62888-1 to IEC 62888-5.	20190116	38,880円 (本体36,000円)

49 航空宇宙工学

規格番号	原文標題	邦訳標題(参考訳)	概要(英語)	制定年月日	定価(本体価格)
IEC/TS 62686-2 Ed. 1.0:2019	Process management for avionics - Electronic components for aerospace, defence and high performance (ADHP) applications - Part 2: General requirements for passive components	航空電子工学のプロセスマネジメント - 航空宇宙, 防衛及び高性能(ADHP)用途の電子部品 - 第2部: 受動部品の一般要求事項	IEC TS 62686-2:2019 defines the minimum requirements for general purpose "off-the-shelf" COTS (commercial off-the-shelf) passive components for aerospace, defence and high performance (ADHP) applications. This document applies to all passive components that can be operated in ADHP applications within the manufacturers' publicly available data sheet limits in conjunction with IEC TS 62239-1. This document can be used by other high performance and high reliability industries, at their discretion. ADHP application requirements are not necessarily fulfilled by this document alone. ADHP original equipment manufacturers (OEMs) could consider redesigning their products or conducting further testing to verify suitability in ADHP applications using their procedures for satisfying their electronic component management plan (ECMP) (see IEC TS 62239-1). This first edition cancels and replaces IEC PAS 62686-2 published in 2016.	20190130	34,992円 (本体32,400円)

71 化学技術

規格番号	原文標題	邦訳標題(参考訳)	概要(英語)	制定年月日	定価(本体価格)
IEC 61010-2-010 Ed. 4.0:2019	Safety requirements for electrical equipment for measurement, control and laboratory use – Part 2-010: Particular requirements for laboratory equipment for the heating of materials	計測、制御及び試験所用電気機器の安全要求事項 – 第2-010部: 材料加熱用の試験所機器の特定要求事項	IEC 61010-2-010:2019 is available as IEC 61010-2-010:2019 RLV which contains the International Standard and its Redline version, showing all changes of the technical content compared to the previous edition.IEC 61010-2-010:2019 specifies particular safety requirements for the following types a) to c) of electrical equipment and their accessories, wherever they are intended to be used, whenever the heating of materials is one of the functions of the equipment.a) Electrical test and measurement equipment.This is equipment which by electromagnetic means tests, measures, indicates or records one or more electrical or physical quantities, also non-measuring equipment such as signal generators, measurement standards, power supplies for laboratory use,transducers, transmitters, etc.b) Electrical industrial process-control equipment.This is equipment which controls one or more output quantities to specific values, with each value determined by manual setting, by local or remote programming, or by one or more input variables.c) Electrical laboratory equipment.This is equipment which measures, indicates, monitors, inspects or analyses materials, or is used to prepare materials, and includes in vitro diagnostic (IVD) equipment. This fourth edition cancels and replaces the third edition published in 2014. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition:a) alignment with changes introduced by Amendment 1 of IEC 61010-1:2010;b) alignment with IEC 61010-2-011 and IEC 61010-2-012: new matching Introduction clarifying which standard(s) to use; new 5.4.101 instructions for flammable liquid; subclause 9.5 on flammable liquids replaced with text from IEC 61010-2-012.	20190212	18,144円 (本体16,800円)
IEC 61010-2-010 Ed. 4.0:2019 RLV (Redline version)	Safety requirements for electrical equipment for measurement, control and laboratory use – Part 2-010: Particular requirements for laboratory equipment for the heating of materials	計測、制御及び試験所用電気機器の安全要求事項 – 第2-010部: 材料加熱用の試験所機器の特定要求事項	IEC 61010-2-010:2019 RLV contains both the official IEC International Standard and its Redline version. The Redline version is not an official document, it is available in English only and provides you with a quick and easy way to compare all the changes between the official IEC Standard and its previous edition.IEC 61010-2-010:2019 specifies particular safety requirements for the following types a) to c) of electrical equipment and their accessories, wherever they are intended to be used, whenever the heating of materials is one of the functions of the equipment.a) Electrical test and measurement equipment.This is equipment which by electromagnetic means tests, measures, indicates or records one or more electrical or physical quantities, also non-measuring equipment such as signal generators, measurement standards, power supplies for laboratory use,transducers, transmitters, etc.b) Electrical industrial process-control equipment.This is equipment which controls one or more output quantities to specific values, with each value determined by manual setting, by local or remote programming, or by one or more input variables.c) Electrical laboratory equipment.This is equipment which measures, indicates, monitors, inspects or analyses materials, or is used to prepare materials, and includes in vitro diagnostic (IVD) equipment. This fourth edition cancels and replaces the third edition published in 2014. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition:a) alignment with changes introduced by Amendment 1 of IEC 61010-1:2010;b) alignment with IEC 61010-2-011 and IEC 61010-2-012: new matching Introduction clarifying which standard(s) to use; new 5.4.101 instructions for flammable liquid; subclause 9.5 on flammable liquids replaced with text from IEC 61010-2-012.	20190212	23,587円 (本体21,840円)
IEC 61010-2-081 Ed. 3.0:2019	Safety requirements for electrical equipment for measurement, control and laboratory use – Part 2-081: Particular requirements for automatic and semi-automatic laboratory equipment for analysis and other purposes	計測、制御及び試験所用電気機器の安全要求事項 – 第2-081部: 分析及びその他の用途の自動及び半自動試験所機器の特定要求事項	IEC 61010-2-081:2019 is available as IEC 61010-2-081:2019 RLV which contains the International Standard and its Redline version, showing all changes of the technical content compared to the previous edition.IEC 61010-2-081:2019 applies to automatic and semi-automatic laboratory equipment for analysis and other purposes. Automatic and semi-automatic laboratory equipment consists of instruments or systems for measuring or modifying one or more characteristics or parameters of samples, performing the complete process or parts of the process without manual intervention. Equipment forming part of such a system is within the scope of this document. This third edition cancels and replaces the second edition published in 2015. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: adaptation of changes introduced by Amendment 1 of IEC 61010-1:2010; added tolerance for stability of AC voltage test equipment to Clause 6.It has the status of a group safety publication in accordance with IEC Guide 104.	20190212	5,184円 (本体4,800円)
IEC 61010-2-081 Ed. 3.0:2019 RLV (Redline version)	Safety requirements for electrical equipment for measurement, control and laboratory use – Part 2-081: Particular requirements for automatic and semi-automatic laboratory equipment for analysis and other purposes	計測、制御及び試験所用電気機器の安全要求事項 – 第2-081部: 分析及びその他の用途の自動及び半自動試験所機器の特定要求事項	IEC 61010-2-081:2019 RLV contains both the official IEC International Standard and its Redline version. The Redline version is not an official document, it is available in English only and provides you with a quick and easy way to compare all the changes between the official IEC Standard and its previous edition.IEC 61010-2-081:2019 applies to automatic and semi-automatic laboratory equipment for analysis and other purposes. Automatic and semi-automatic laboratory equipment consists of instruments or systems for measuring or modifying one or more characteristics or parameters of samples, performing the complete process or parts of the process without manual intervention. Equipment forming part of such a system is within the scope of this document. This third edition cancels and replaces the second edition published in 2015. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: adaptation of changes introduced by Amendment 1 of IEC 61010-1:2010; added tolerance for stability of AC voltage test equipment to Clause 6.It has the status of a group safety publication in accordance with IEC Guide 104.	20190212	11,793円 (本体10,920円)

87 塗料及び色材工業

規格番号	原文標題	邦訳標題(参考訳)	概要(英語)	制定年月日	定価(本体価格)
IEC 62899-202-3 Ed. 1.0:2019	Printed electronics - Part 202-3: Materials - Conductive ink - Measurement of sheet resistance of conductive films - Contactless method	プリントドエレクトロニクス-第202-3部: 素材-導電性インク-導電性フィルムのシート抵抗の測定-非接触法	IEC 62899-202-3:2019(E) defines terms and specifies a standard method for the measurement of the sheet resistance of printed conductive films using a contactless eddy-current method.	20190116	9,072円(本体8,400円)

91 建設材料及び建築物

規格番号	原文標題	邦訳標題(参考訳)	概要(英語)	制定年月日	定価(本体価格)
IEC 60335-2-78 Ed. 2.2:2019	Household and similar electrical appliances - Safety - Part 2-78: Particular requirements for outdoor barbecues	家庭用及び類似用途の電気機器-安全性-第2-78部: 屋外バーベキュー台の特定要求事項	IEC 60335-2-78:2002+A1:2008+A2:2019 deals with the safety of electric outdoor barbecues for household and similar use, their rated voltage being not more than 250 V. This standard does not apply to barbecues for indoor use, appliances intended to burn charcoal or similar combustible fuels, appliances intended exclusively for industrial purposes, appliances intended to be used in locations where special conditions prevail, such as the presence of a corrosive or explosive atmosphere (dust, vapor or gas). This consolidated version consists of the second edition (2002), its amendment 1 (2008) and its amendment 2 (2019). Therefore, no need to order amendment in addition to this publication.	20190118	16,848円(本体15,600円)
IEC 60335-2-78 Amd.2 Ed. 2.0:2019	Amendment 2 - Household and similar electrical appliances - Safety - Part 2-78: Particular requirements for outdoor barbecues	修正案2-家庭用及び類似用途の電気機器-安全性-第2-78部: 屋外バーベキュー台の特定要求事項		20190118	2,592円(本体2,400円)
IEC 60364-8-1 Ed. 2.0:2019	Low-voltage electrical installations - Part 8-1: Functional aspects - Energy efficiency	低電圧電気設備-第8-1部: 機能的側面-エネルギー効率	IEC 60364-8-1:2019(E) provides additional requirements, measures and recommendations for the design, erection and verification of all types of low-voltage electrical installation including local production and storage of energy for optimizing the overall efficient use of electricity. It introduces requirements and recommendations for the design of an electrical installation within the framework of an energy efficiency management approach in order to get the best permanent functionally equivalent service for the lowest electrical energy consumption and the most acceptable energy availability and economic balance. These requirements and recommendations apply, within the scope of the IEC 60364 series, for new installations and modification of existing installations. This standard is applicable to the electrical installation of a building or system and does not apply to products. The energy efficiency of these products and their operational requirements are covered by the relevant product standards. This standard does not specifically address building automation systems. This edition includes the following significant technical changes with respect to the previous edition: a) revision of Annex B.b) revision of 4.2: Energy efficiency assessment for electrical installations; c) update of 8.3: Input from loads, sensors and forecasts; d) introduction of new definitions. This group energy efficiency publication is primarily intended to be used as an energy efficiency standard for the low voltage electrical installations mentioned in Clause 1, but is also intended to be used by technical committees in the preparation of standards, in accordance with the principles laid down in IEC Guide 119 and IEC Guide 118.	20190206	38,880円(本体36,000円)

97 家庭用及び商業用装置、娯楽、スポーツ

規格番号	原文標題	邦訳標題(参考訳)	概要(英語)	制定年月日	定価(本体価格)
IEC 62784 Ed. 1.1:2019	Vacuum cleaners and dust extractors providing equipment protection level Dc for the collection of combustible dusts - Particular requirements	可燃性粉塵の収集のための機器の保護レベルDcをもつ真空掃除機及び粉塵抽出装置-特定要求事項	IEC 62784:2017+A1:2019 covers electrical motor-operated vacuum cleaners Equipment Protection Level (EPL) Dc. This includes dust extractors, for wet suction or dry suction, intended for commercial indoor use with or without attachments, to collect combustible dust in an explosive dust atmosphere. The requirements for the construction and testing covered by this document are applied in addition to the requirements for commercial and industrial vacuum cleaners in IEC 60335-2-69. This document supplements and modifies the requirements of IEC 60079-0. Whenever a requirement of this standard is in conflict with a requirement of IEC 60079-0 the requirement of this standard will take precedence. The following power systems are covered: mains powered motors up to a rated voltage of 250 V for single-phase appliances and 480 V for other appliances. This document does not cover specific hazards associated with extreme ambient temperatures (less than 20 ° C or higher than 40 ° C) unless otherwise marked by the manufacturer as given in IEC 60079-0. The temperatures shall not exceed the temperature range of 20 ° C to +60 ° C. This document does not cover motorized cleaning heads for which additional requirements are under consideration. This document does not apply to: back-pack vacuum cleaners; vacuum cleaners with a traction drive; vacuum cleaners and water-suction cleaning appliances for household use (IEC 60335-2-2); floor treatment machines for commercial use (IEC 60335-2-67, IEC 60335-2-72); spray extraction machines for commercial use (IEC 60335-2-68); hand-held mains-operated electrical garden blowers, vacuums and blower vacuums (IEC 60335-2-100); hand-held and transportable motor-operated electric tools (IEC 62841 series); appliances for medical purposes (IEC 60601-1);	20190116	8,424円(本体7,800円)
IEC 62784 Amd.1 Ed. 1.0:2019	Amendment 1 - Vacuum cleaners and dust extractors providing equipment protection level Dc for the collection of combustible dusts - Particular requirements	修正案1-可燃性粉塵の収集のための機器の保護レベルDcをもつ真空掃除機及び粉塵抽出装置-特定要求事項		20190116	1,296円(本体1,200円)