

## IEC規格

## 2019-9月 新刊情報

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### 11 医療技術

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/TR 61948-2 Ed. 2.0.2019	Nuclear medicine instrumentation – Routine tests – Part 2: Scintillation cameras and single photon emission computed tomography imaging	核医学計装—定期試験—第2部:シンチレーションカメラ及びシングル光子放出X線断層画像	IEC TR 61948-2:2019 is valid for single photon scintillation cameras with parallel hole collimators used in planar scintigraphy and tomography. It is also valid for the SPECT portion of SPECT/CT systems with parallel hole collimators, including the co-registration between the SPECT and CT subsystems. The objective is to specify ROUTINE TESTS for QUALITY CONTROL. Methods for the ACCEPTANCE TEST are described in IEC 61675-2. IEC TR 61948-2:2019 cancels and replaces the first edition published in 2001. It constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) adaptation to apply to the present technology; b) updating of the test methods to comply with the recent state of the art.	20190821	9,240円 (本体8,400円)
IEC 62985 Ed. 1.0.2019	Methods for calculating size specific dose estimates (SSDE) on computed tomography	コンピュータ断層撮影におけるサイズ特定線量評価(SSDE)の計算方法	IEC 62985:2019 applies to CT SCANNERS that are able to display and report CTDI <sub>vol</sub> in accordance with IEC 60601-2-44, and RADIATION dose index monitoring software (RDIMS) for the purpose of calculating, displaying and recording the SIZE SPECIFIC DOSE ESTIMATE (SSDE) and its associated components. Specifically, this document provides standardized methods and requirements for calculating, displaying, or recording of SSDE, SSDE(z), WATER EQUIVALENT DIAMETER (DW), and DW(z), where z represents a specific longitudinal position of the scanned object. This document provides a method of determining a reference WATER EQUIVALENT DIAMETER, DW <sub>REF</sub> (z), using CT scans of two cylindrical water PHANTOMS and one or more anthropomorphic PHANTOM(S), which conform to the specifications defined in this document. The method of calculating the WATER EQUIVALENT DIAMETER that is implemented by the MANUFACTURER, DW <sub>IMP</sub> (z), is tested and validated against DW <sub>REF</sub> (z) using the TEST OBJECTS and methods defined within this document. This document also describes the methods for calculating SSDE and DW, which represent the average values of SSDE(z) and DW(z) over the RECONSTRUCTION LENGTH.	20190913	18,480円 (本体16,800円)

### 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/TS 62764-1 Ed. 1.0.2019	Measurement procedures of magnetic field levels generated by electronic and electrical equipment in the automotive environment with respect to human exposure – Part 1: Low frequency magnetic fields	自動車内の電子電気機器によって発生する磁界レベルの人体曝露に関する計測手順—第1部:低周波磁界	IEC TS 62764-1:2019(E) applies to the assessment of human exposure to low frequency magnetic fields generated by automotive vehicles. For plug-in vehicles, this includes the electric vehicle supply equipment (EVSE) and associated cables provided by the car manufacturer. The scope of this document establishes the measurement procedure for the evaluation of magnetic field levels in the automotive environment, for passenger cars and commercial vehicles of categories M1 and N1 as defined in ECE/TRANS/WP.29/78/Rev.3 [1], with respect to human exposure. It provides standardized operating conditions and defines recommended measurements to assess compliance to the applicable exposure requirements. This document covers the frequency range 1 Hz to 400 kHz and is applicable to any type of engine and/or internal energy source. It is not the scope of this document to define procedures for wireless power transfer (WPT). Human exposure due to WPT is covered by IEC 61980-1 [2]. Abnormal operation of the vehicle or equipment under test is not taken into consideration. Key Words: Human Exposure, Low Frequency Magnetic Fields, Electric vehicle Supply Equipment	20190913	18,480円 (本体16,800円)
IEC/TR 63213 Ed. 1.0.2019	Power measurement applications within electrical distribution networks and electrical installations	配電網及び電気設備内の電力測定アプリケーション	IEC TR 63213:2019 intends to provide state-of-the-art information on the various electricity measurement applications made in the grid (supply side) or in electrical installation (demand side), and on the related standards covering these applications. This Technical Report does not address measurements made for specific purposes such as protection, control, automation or indication.	20190913	22,440円 (本体20,400円)

### 19 試験

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)
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IEC 60068-3-3 Ed. 2.0:2019	Environmental testing - Part 3-3: Supporting documentation and guidance - Seismic test methods for equipment	環境試験－第3部: サポート資料及び指針－機器の耐震試験方法	IEC 60068-3-3:2019 applies primarily to electro-technical equipment but its application can be extended to other equipment and to components. In addition, if some type of analysis is always performed when making a seismic qualification, for example for the choice of the representative sample to be tested or for the extension of the seismic qualification from the tested specimen to similar specimens, the verification of the performance of an equipment by analysis or by a combination of testing and analysis can be acceptable but is outside the scope of this document, which is restricted to verification based entirely upon data from dynamic testing. This second edition cancels and replaces the first edition published in 1991. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: the main aim of this revision is to connect the testing level to the seismic activity level of the zone where the equipment could be installed; a standard shape for the required response spectrum is also given for the general seismic class for which the seismic environment is either not known or is imprecisely known; Clauses 11 to 15 were renumbered and some adjustments were made as their content is very general and the requirements can be applied both to the general seismic class and to the specific seismic class; the word envelope is replaced with dominance and to envelop with to dominate in order to provide a more precise meaning from a mathematical point of view.	20190823	31,680円 (本体28,800円)
IEC 60068-3-3 Ed. 2.0:2019 RLV (Redline version)	Environmental testing - Part 3-3: Supporting documentation and guidance - Seismic test methods for equipment	環境試験－第3部: サポート資料及び指針－機器の耐震試験方法	IEC 60068-3-3:2019 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 60068-3-3:2019 applies primarily to electro-technical equipment but its application can be extended to other equipment and to components. In addition, if some type of analysis is always performed when making a seismic qualification, for example for the choice of the representative sample to be tested or for the extension of the seismic qualification from the tested specimen to similar specimens, the verification of the performance of an equipment by analysis or by a combination of testing and analysis can be acceptable but is outside the scope of this document, which is restricted to verification based entirely upon data from dynamic testing. This second edition cancels and replaces the first edition published in 1991. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: the main aim of this revision is to connect the testing level to the seismic activity level of the zone where the equipment could be installed; a standard shape for the required response spectrum is also given for the general seismic class for which the seismic environment is either not known or is imprecisely known; Clauses 11 to 15 were renumbered and some adjustments were made as their content is very general and the requirements can be applied both to the general seismic class and to the specific seismic class;	20190823	41,184円 (本体37,440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 60904-7 Ed. 4.0:2019 RLV (Redline version)	Photovoltaic devices - Part 7: Computation of the spectral mismatch correction for measurements of photovoltaic devices	光電装置－第7部: 光電装置の測定に対するスペクトル不整合修正の演算	IEC 60904-7:2019 is available as IEC 60904-7:2019 RLV which contains the International Standard and its Redline version, showing all changes of the technical content compared to the previous edition. IEC 60904-7:2019 describes the procedure for correcting the spectral mismatch error introduced in the testing of a photovoltaic device, caused by the mismatch between the test spectrum and the reference spectrum (e.g. AM1.5 spectrum) and by the mismatch between the spectral responsivities (SR) of the reference device and of the device under test and therewith reduce the systematic uncertainty. This procedure is valid for single-junction devices but the principle may be extended to cover multi-junction devices. The purpose of this document is to give guidelines for the correction of the spectral mismatch error, should there be a spectral mismatch between the test spectrum and the reference spectrum as well as between the reference device SR and the device under test SR. The calculated spectral mismatch correction is only valid for the specific combination of test and reference devices measured with a particular test spectrum. This fourth edition cancels and replaces the third edition published in 2008. The main technical changes with respect to the previous edition are as follows: For better compatibility and less redundancy, the clause Determination of test spectrum refers to IEC 60904-9. The spectral mismatch factor is called SMM instead of MM to enable differentiation to the angular mismatch factor AMM and spectral angular mismatch factor SAMM. Formulae for the derivation and application of the spectral mismatch factor SMM are added. Links to new standards are given, e.g. concerning multi-junction devices.	20190820	6,864円 (本体6,240円)

IEC 60904-7 Ed. 4.0:2019	Photovoltaic devices – Part 7: Computation of the spectral mismatch correction for measurements of photovoltaic devices	光電装置－第7部：光電装置の測定に対するスペクトル不整合修正の演算	IEC 60904-7:2019 is available as IEC 60904-7:2019 RLV which contains the International Standard and its Redline version, showing all changes of the technical content compared to the previous edition. IEC 60904-7:2019 describes the procedure for correcting the spectral mismatch error introduced in the testing of a photovoltaic device, caused by the mismatch between the test spectrum and the reference spectrum (e.g. AM1.5 spectrum) and by the mismatch between the spectral responsivities (SR) of the reference device and of the device under test and therewith reduce the systematic uncertainty. This procedure is valid for single-junction devices but the principle may be extended to cover multi-junction devices. The purpose of this document is to give guidelines for the correction of the spectral mismatch error, should there be a spectral mismatch between the test spectrum and the reference spectrum as well as between the reference device SR and the device under test SR. The calculated spectral mismatch correction is only valid for the specific combination of test and reference devices measured with a particular test spectrum. This fourth edition cancels and replaces the third edition published in 2008. The main technical changes with respect to the previous edition are as follows: For better compatibility and less redundancy, the clause Determination of test spectrum refers to IEC 60904-9. The spectral mismatch factor is called SMM instead of MM to enable differentiation to the angular mismatch factor AMM and spectral angular mismatch factor SAMM. Formulae for the derivation and application of the spectral mismatch factor SMM are added. Links to new standards are given, e.g. concerning multi-junction devices.	20190820	5,280円（本体4,800円）
IEC/TR 61400-21-3 Ed. 1.0:2019	Wind energy generation systems – Part 21-3: Measurement and assessment of electrical characteristics – Wind turbine harmonic model and its application	風力発電システム－第21-3部：電気的特性の測定及び評価－風車調和モデルとその応用	IEC TR 61400-21-3:2019 provides guidance on principles which can be used as the basis for determining the application, structure and recommendations for the WT harmonic model. For the purpose of this Technical Report, a harmonic model means a model that represents harmonic emissions of different WT types interacting with the connected network. This document is focused on providing technical guidance concerning the WT harmonic model. It describes the harmonic model in detail, covering such aspects as application, structure, as well as validation. By introducing a common understanding of the WT representation from a harmonic performance perspective, this document aims to bring the overall concept of the harmonic model closer to the industry (e.g. suppliers, developers, system operators, academia, etc.). A standardized approach of WT harmonic model representation is presented in this document. The harmonic model will find a broad application in many areas of electrical engineering related to design, analysis, and optimisation of electrical infrastructure of onshore as well as offshore WPPs.	20190913	26,400円（本体24,000円）
IEC/TS 61400-25-71 Ed. 1.0:2019	Wind energy generation systems – Part 25-71: Communications for monitoring and control of wind power plants – Configuration description language	風力発電システム－第25-71部：風力発電所の監視及び制御のための通信－コンフィギュレーション記述言語	IEC TS 61400-25-71:2019 focus on the communications between wind power plant components such as wind turbines and actors such as SCADA systems. Non-IEC 61850/IEC 61400-25 internal communication within wind power plant components is outside the normative scope of the IEC 61400-25 series. This document describes how to extend the IEC 61400-25 series with the IEC 61850 6 Substation Configuration description Language (SCL) file format for describing communication-related Intelligent Electronic Device (IED) configurations of a wind turbine, wind power plant controller, meteorological mast, etc. The extension of SCL to the wind domain is intended to simplify integration of wind power plant equipment for clients, as well as their integration to the electrical system. The adoption of SCL allows formalised tool-based exchange of IED parameters, communication system configurations, switch yard (function) structures, as well as description of the relations between them. The purpose of this format is to formally and efficiently exchange wind turbine and wind power plant IED capability descriptions, and system descriptions between IED engineering tools and the system engineering tool(s) of different manufacturers in a compatible way. The file format is also intended to provide report configuration and alarms as well as HMI interface information from a wind power plant. This information can be used to engineer overlying SCADA systems for the site, for connected DSO, or TSO, or for fleet operators' maintenance and surveillance systems. Finally, the SCL is intended as a documentation of the configuration and topology of the delivered system.	20190913	39,600円（本体36,000円）
IEC/TS 62600-300 Ed. 1.0:2019	Marine energy – Wave, tidal and other water current converters – Part 300: Electricity producing river energy converters – Power performance assessment	海洋エネルギー－波、潮差及びその他の海流コンバーター－第300部：電気を生み出す河川エネルギーコンバーター電力性能要求事項	IEC TS 62600-300:2019 provides: A systematic methodology for evaluating the power performance of river current energy converters (RECs) that produce electricity for utility scale and localized grids; A definition of river energy converter rated capacity and rated water speed; A methodology for the production of power curves for the river energy converters in consideration; and A framework for the reporting of results. Exclusions from the scope of this document are as follows: RECs that provide forms of energy other than electrical energy unless the other form is an intermediary step that is converted into electricity by the river energy converter; Resource assessment, that will be addressed separately in the River Energy Resource Assessment Technical Specification; Scaling of any measured or derived results; Power quality issues; Any type of performance other than power and energy performance; and The combined effect of multiple river energy converter arrays.	20190912	35,640円（本体32,400円）

IEC/TS 62600-301 Ed. 1.0:2019	Marine energy – Wave, tidal and other water current converters – Part 301: River energy resource assessment	海洋エネルギー – 波、潮流及びその他の海流コンバーター 第301部: 河川エネルギー資源評価	IEC TS 62600-301:2019 provides:Methodologies that ensure consistency and accuracy in the determination of the theoretical river energy resource at sites that may be suitable for the installation of River Energy Converters (RECs); Methodologies for producing a standard current speed distribution based on measured, historical, or numerical data, or a combination thereof, to be used in conjunction with an appropriate river energy power performance assessment; Allowable data collection methods and/or modelling techniques; and A framework for reporting results.The document explicitly excludes:Technical or practical resource assessments.Resource characterisation:Power performance assessment of river energy converters; and Environmental impact studies, assessments, or similar.	20190912	31,680円 (本体28,800円)
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## 29 電気工学

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 60079-11SH5 Ed. 6.0:2019	Interpretation Sheet 5 – Explosive atmospheres – Part 11: Equipment protection by intrinsic safety “i”	解説シート5 – 爆発性雰囲気 – 第11部: 本質安全防爆構造“i”		20190829	–
IEC 60095-6 Ed. 1.0:2019	Lead-acid starter batteries – Part 6: Batteries for micro-cycle applications	鉛電池 – 第6部: マイクロサイクル用途電池	IEC 60095-6:2019 is applicable to lead-acid batteries with a nominal voltage of 12 V, used primarily as power source for the starting of internal combustion engines (ICE), lighting and also for auxiliary equipment of ICE vehicles. These batteries are commonly called “starter batteries”.The batteries within the scope of this document are used for micro-cycle applications in vehicles which can also be called start-stop (or stop-start, idling-stop system, micro-hybrid or idle-stop-and-go) applications. In cars with this special capability, the internal combustion engine is switched off during a complete vehicle stop, during idling with low speed or during idling where there is no need to support the vehicle movement by the internal combustion engine. During the phases in which the engine is switched off, most of the electric and electronic components of the car are supplied by the battery without support of the alternator. In addition, in most cases an additional regenerative braking (recuperation or regeneration of braking energy) function is installed. The batteries under these applications are stressed in a completely different way compared to classical starter batteries. Aside from these additional properties, these batteries need to crank the ICE and support the lighting and also auxiliary functions in a standard operating mode with the support of the alternator when the internal combustion engine is switched on. All batteries within this scope fulfil basic functions, which are tested under the application of IEC 60095-1.This document specifies the general requirements and methods of test specific to lead-acid batteries used for micro-cycle applications.This document is applicable to batteries for the following purposes:	20190912	26,400円 (本体24,000円)
IEC 60095-7 Ed. 1.0:2019	Lead-acid starter batteries – Part 7: General requirements and methods of test for motorcycle batteries	鉛電池 – 第7部: 二輪自動車電池の一般要求事項及び試験方法	IEC 60095-7:2019 is applicable to lead-acid batteries used primarily as a power source for the starting of internal combustion engines, lighting and ignition (SLI) of motorcycles and other power sport vehicles. The nominal voltage is 12 V or 6 V.Test definitions and criteria in this document are for batteries with a nominal voltage of 12 V only. For batteries with a nominal voltage of 6 V, all voltages have to be divided by two.The other power sports vehicles covered in this document are snowmobiles, personal water crafts and all-terrain vehicles.This document is not applicable to batteries for other purposes, such as the back-up power sources, auxiliary equipment of internal combustion engine vehicles and e-bikes.This document specifies:general requirements:size, essential functional characteristics, relevant test methods and results required.	20190912	13,200円 (本体12,000円)
IEC 60317-0-1 Ed. 4.1:2019	Specifications for particular types of winding wires – Part 0-1: General requirements – Enamelled round copper wire	特定の種類の巻線の仕様 – 第0-1部: 一般要求事項 – エナメル丸銅線	IEC 60317-0-1:2013+A1:2019 specifies general requirements of enamelled round copper winding wires with or without bonding layer. The range of nominal conductor diameters is given in the relevant specification sheet. This fourth edition cancels and replaces the third edition published in 2008. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: revision to the definition of nominal conductor dimension; new subclause containing general notes on winding wire, formerly a part of the scope; revision to elongation requirements in Table 4; revisions to Clause 13, Breakdown voltage, to include new requirements for intermediate wire diameters; revision to continuity of insulation requirements in Table 13; revision to the introduction of Annex A; revision to B.2 of Annex B; revision to Table C.1 of Annex C. Keywords: requirements of enamelled round copper winding wires.This consolidated version consists of the fourth edition (2013) and its amendment 1 (2019). Therefore, no need to order amendment in addition to this publication.This publication is to be read in conjunction with the IEC 60851 series.	20190820	36,300円 (本体33,000円)
IEC 60317-0-1 Amd.1 Ed. 4.0:2019	Amendment 1 – Specifications for particular types of winding wires – Part 0-1: General requirements – Enamelled round copper wire	修正票1 – 特定の種類の巻線の仕様 – 第0-1部: 一般要求事項 – エナメル丸銅線		20190820	1,320円 (本体1,200円)

IEC 60317-0-3 Ed. 3.2:2019	Specifications for particular types of winding wires – Part 0-3: General requirements – Enamelled round aluminium wire	特定の種類の巻線の仕様—第0-3部: 一般要求事項—エナメル丸アルミニウム線	IEC 60317-0-3:2008+A1:2013+A2:2019 gives the general requirements of enamelled round aluminium winding wires with or without a bonding layer. Technical changes from the previous edition include clarification to appearance requirements, revisions to the wire size ranges applicable to the flexibility and adherence tests, and clarification that pin hole test requirements are under consideration. This consolidated version consists of the third edition (2008), its amendment 1 (2013) and its amendment 2 (2019). Therefore, no need to order amendment in addition to this publication.	20190820	29,700円 (本体27,000円)
IEC 60317-0-3 Amd.2 Ed. 3.0:2019	Amendment 2 – Specifications for particular types of winding wires – Part 0-3: General requirements – Enamelled round aluminium wire	修正票2—特定の種類の巻線の仕様—第0-3部: 一般要求事項—エナメル丸アルミニウム線		20190820	1,320円 (本体1,200円)
IEC 60317-0-8 Ed. 2.0:2019	Specifications for particular types of winding wires – Part 0-8: General requirements – Polyester glass-fibre wound unvarnished and fused, or resin or varnish impregnated, bare or enamelled rectangular copper wire	特定の種類の巻線の仕様—第0-8部: 一般要求事項—ポリエステルガラス繊維巻樹脂又はワニス含浸又は非含浸裸又はエナメル矩形銅線	IEC 60317-0-8:2019 is available as IEC 60317-0-8:2019 RLV which contains the International Standard and its Redline version, showing all changes of the technical content compared to the previous edition. IEC 60317-0-8:2019 specifies the general requirements of polyester glass-fibre wound fused, unvarnished, or resin or varnish impregnated bare, or grade 1 or grade 2 or enamelled rectangular copper winding wires. The range of nominal conductor dimensions is given in 4.1 and in the relevant specification sheet. This second edition cancels and replaces the first edition published in 2012. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: revision to the title of the standard indicating that the glass fibre covering is fused and unvarnished; revision to subclause 3.2 adding winding wire requirements for the fibrous covering and a list of covering classifications; revision to subclause 3.3 requirements for appearance; revision to subclause 8.2, adherence test requirements. Keywords: insulated wires used for windings in electrical equipment	20190820	22,440円 (本体20,400円)
IEC 60317-0-8 Ed. 2.0:2019 RLV (Redline version)	Specifications for particular types of winding wires – Part 0-8: General requirements – Polyester glass-fibre wound unvarnished and fused, or resin or varnish impregnated, bare or enamelled rectangular copper wire	特定の種類の巻線の仕様—第0-8部: 一般要求事項—ポリエステルガラス繊維巻樹脂又はワニス含浸又は非含浸裸又はエナメル矩形銅線	IEC 60317-0-8:2019 is available as IEC 60317-0-8:2019 RLV which contains the International Standard and its Redline version, showing all changes of the technical content compared to the previous edition. IEC 60317-0-8:2019 specifies the general requirements of polyester glass-fibre wound fused, unvarnished, or resin or varnish impregnated bare, or grade 1 or grade 2 or enamelled rectangular copper winding wires. The range of nominal conductor dimensions is given in 4.1 and in the relevant specification sheet. This second edition cancels and replaces the first edition published in 2012. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: revision to the title of the standard indicating that the glass fibre covering is fused and unvarnished; revision to subclause 3.2 adding winding wire requirements for the fibrous covering and a list of covering classifications; revision to subclause 3.3 requirements for appearance; revision to subclause 8.2, adherence test requirements. Keywords: insulated wires used for windings in electrical equipment	20190820	29,172円 (本体26,520円)
IEC 60317-80 Ed. 1.0:2019	Specifications for particular types of winding wires – Part 80: Polyvinyl acetal enamelled rectangular copper wire, class 120, with a bonding layer	特定の種類の巻線の仕様—第80部: 接着層付きのポリビニルアセタールエナメル角銅線、クラス120	IEC 60317-80: 2019 specifies the requirements of enamelled rectangular copper winding wire of class 120 with a dual coating. The underlying coating is based on polyvinyl acetal resin, which can be modified providing it retains the chemical identity of the original resin and meets all specified wire requirements. The second coating is a bonding layer based on a thermoplastic or thermosetting resin. NOTE A modified resin is a resin that has undergone a chemical change, or contains one or more additives to enhance certain performance or application characteristics. The range of nominal conductor dimensions covered by this document is: width: min. 2.00 mm max. 16.00 mm; thickness: min. 0.80 mm max. 5.60 mm. Wires of grade 1 and grade 2 are included in this specification and apply to the complete range of conductors. The specified combinations of nominal width and thickness as well as the specified ratio width/thickness are given in IEC 60317-0-2:2019. Keywords: insulated wires used for windings	20190821	5,280円 (本体4,800円)
IEC 60684-3-280 Ed. 2.0:2019	Flexible insulating sleeving – Part 3: Specifications for individual types of sleeving – Sheet 280: Heat-shrinkable, polyolefin sleeving, anti-tracking	可とう絶縁スリーブ—第3部: 個々のスリーブタイプの仕様—シート280: 熱収縮形、ポリオレフィンスリーブ、トラッキング防止	IEC 60684-3-280:2019 is available as IEC 60684-3-280:2019 RLV which contains the International Standard and its Redline version, showing all changes of the technical content compared to the previous edition. IEC 60684-3-280:2019 gives the requirements for heat-shrinkable, polyolefin sleeving, anti-tracking with a nominal shrink ratio of 3:1. This sleeving has been found suitable for use at temperatures up to 100 °C. Typically, medium wall, internal diameter up to 110 mm. This sleeving is normally supplied in the colours red or brown. Since these types of sleeving cover a significantly large range of sizes and wall thicknesses, Annex A (Table A.1) provides guidance on the range of sizes available. The actual size will be agreed between the user and the supplier. Materials which conform to this specification meet established levels of performance. However, the selection of a material by a user for a specific application will be based on the actual requirements necessary for adequate performance in that application and not based on this specification alone. This sleeving is designed to be used in medium voltage cable accessories and as such electrical performance will be proven as part of the assembly. Examples of this are described in HD 629.1 and IEC 60502 (all parts). This second edition cancels and replaces the first edition published in 2010 and Amendment 1:2013. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: change of moulded plaque thickness for resistance to tracking and weathering tests to (6 0,5) mm. Keywords: Heat-shrinkable, polyolefin sleeving, anti-tracking	20190820	9,240円 (本体8,400円)

IEC 60684-3-280 Ed. 2.0:2019 RLV (Redline version)	Flexible insulating sleeving – Part 3: Specifications for individual types of sleeving – Sheet 280: Heat-shrinkable, polyolefin sleeving, anti-tracking	可とう絶縁スリーブ 第3部: 個々のスリーブタイプの仕様—シート280: 熱収縮形, ポリオレフィンスリーブ, トラッキング防止	IEC 60684-3-280:2019 is available as IEC 60684-3-280:2019 RLV which contains the International Standard and its Redline version, showing all changes of the technical content compared to the previous edition.IEC 60684-3-280:2019 gives the requirements for heat-shrinkable, polyolefin sleeving, anti-tracking with a nominal shrink ratio of 3:1. This sleeving has been found suitable for use at temperatures up to 100 °C. Typically: medium wall, internal diameter up to 110 mm. This sleeving is normally supplied in the colours red or brown. Since these types of sleeving cover a significantly large range of sizes and wall thicknesses, Annex A (Table A.1) provides guidance on the range of sizes available. The actual size will be agreed between the user and the supplier. Materials which conform to this specification meet established levels of performance. However, the selection of a material by a user for a specific application will be based on the actual requirements necessary for adequate performance in that application and not based on this specification alone. This sleeving is designed to be used in medium voltage cable accessories and as such electrical performance will be proven as part of the assembly. Examples of this are described in HD 629.1 and IEC 60502 (all parts). This second edition cancels and replaces the first edition published in 2010 and Amendment 1:2013. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: change of moulded plaque thickness for resistance to tracking and weathering tests to (6 0,5) mm. Keywords: Heat-shrinkable, polyolefin sleeving, anti-tracking	20190820	12,012円 (本体10,920円)
IEC 60684-3-283 Ed. 2.0:2019	Flexible insulating sleeving – Part 3: Specifications for individual types of sleeving – Sheet 283: Heat-shrinkable, polyolefin sleeving for bus-bar insulation	可とう絶縁スリーブ 第3部: 個々のスリーブタイプの仕様—シート283: バスバー絶縁用熱収縮ポリオレフィンスリーブ	IEC 60684-3-283:2019 is available as IEC 60684-3-283:2019 RLV which contains the International Standard and its Redline version, showing all changes of the technical content compared to the previous edition.IEC 60684-3-283:2019 gives the requirements for two types of heat-shrinkable, polyolefin sleeving for bus-bar insulation, with a nominal shrink ratio of 2.5:1. This sleeving has been found suitable up to temperatures of 100 °C.Type A: Medium wall – internal diameter up to 170,0 mm typically.Type B: Thick wall – internal diameter up to 165,0 mm typically. These sleeveings are normally supplied in colour, red or brown. Since these types of sleeving cover a significantly large range of sizes and wall thicknesses, Annex A (Tables A.1 and A.2) provides guidance to the range of sizes available. The actual size and wall thickness will be agreed between the user and supplier depending on the electric strength of the installed tubing offered and the requirements of the user. Materials which conform to this specification meet established levels of performance. However, the selection of a material by a user for a specific application will be based on the actual requirements necessary for adequate performance in that application and not based on this specification alone. This second edition cancels and replaces the first edition published in 2010 and Amendment 1:2013. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: change of moulded plaque thickness for resistance to tracking and weathering tests to (6 0,5) mm. Keywords: Heat-shrinkable, polyolefin sleeving for bus-bar insulation	20190820	9,240円 (本体8,400円)
IEC 60684-3-283 Ed. 2.0:2019 RLV (Redline version)	Flexible insulating sleeving – Part 3: Specifications for individual types of sleeving – Sheet 283: Heat-shrinkable, polyolefin sleeving for bus-bar insulation	可とう絶縁スリーブ 第3部: 個々のスリーブタイプの仕様—シート283: バスバー絶縁用熱収縮ポリオレフィンスリーブ	IEC 60684-3-283:2019 is available as IEC 60684-3-283:2019 RLV which contains the International Standard and its Redline version, showing all changes of the technical content compared to the previous edition.IEC 60684-3-283:2019 gives the requirements for two types of heat-shrinkable, polyolefin sleeving for bus-bar insulation, with a nominal shrink ratio of 2.5:1. This sleeving has been found suitable up to temperatures of 100 °C.Type A: Medium wall – internal diameter up to 170,0 mm typically.Type B: Thick wall – internal diameter up to 165,0 mm typically. These sleeveings are normally supplied in colour, red or brown. Since these types of sleeving cover a significantly large range of sizes and wall thicknesses, Annex A (Tables A.1 and A.2) provides guidance to the range of sizes available. The actual size and wall thickness will be agreed between the user and supplier depending on the electric strength of the installed tubing offered and the requirements of the user. Materials which conform to this specification meet established levels of performance. However, the selection of a material by a user for a specific application will be based on the actual requirements necessary for adequate performance in that application and not based on this specification alone. This second edition cancels and replaces the first edition published in 2010 and Amendment 1:2013. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: change of moulded plaque thickness for resistance to tracking and weathering tests to (6 0,5) mm. Keywords: Heat-shrinkable, polyolefin sleeving for bus-bar insulation	20190820	12,012円 (本体10,920円)
IEC 60851-3 Ed. 3.2:2019	Winding wires – Test methods – Part 3: Mechanical properties	巻線 – 試験方法 – 第3部: 機械的特性	IEC 60851-3:2009+A1:2013+A2:2019 specifies the following methods of test for winding wires: Test 6: Elongation; Test 7: Springiness; Test 8: Flexibility and adherence; Test 11: Resistance to abrasion; Test 18: Heat bonding. With respect to the previous edition, significant technical changes appear in Subclause 5.3, Jerk test. This consolidated version consists of the third edition (2009), its amendment 1 (2013) and its amendment 2 (2019). Therefore, no need to order amendment in addition to this publication.	20190823	46,200円 (本体42,000円)
IEC 60851-3 Amd2 Ed. 3.0:2019	Amendment 2 – Winding wires – Test methods – Part 3: Mechanical properties	修正案2 – 巻線 – 試験方法 – 第3部: 機械的特性		20190823	1,320円 (本体1,200円)

IEC 60981 Ed. 3.0:2019	Extra heavy-duty electrical rigid steel conduits	電気設備用超強力剛性鋼コンジット	IEC 60981:2019 is available as IEC 60981:2019 RLV which contains the International Standard and its Redline version, showing all changes of the technical content compared to the previous edition.IEC 60981:2019 specifies requirements for extra heavy-duty electrical rigid steel (EHDERS) conduits, couplings, nipples and elbows for electrical installations, including communications and fibre optics. This document also specifies threads for these components. It is not applicable to the conduits specified in IEC 60423. This third edition cancels and replaces the second edition published in 2004. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the second edition: addition of provisions for alternative coatings to zinc; addition of elasticity test for organic coatings; new Annex B on tests for evaluating alternative exterior coatings applied on extra heavy duty electrical rigid steel (EHDERS) conduits.	20190820	22,440円 (本体20,400円)
IEC 60981 Ed. 3.0:2019 RLV (Redline version)	Extra heavy-duty electrical rigid steel conduits	電気設備用超強力剛性鋼コンジット	IEC 60981:2019 is available as IEC 60981:2019 RLV which contains the International Standard and its Redline version, showing all changes of the technical content compared to the previous edition.IEC 60981:2019 specifies requirements for extra heavy-duty electrical rigid steel (EHDERS) conduits, couplings, nipples and elbows for electrical installations, including communications and fibre optics. This document also specifies threads for these components. It is not applicable to the conduits specified in IEC 60423. This third edition cancels and replaces the second edition published in 2004. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the second edition: addition of provisions for alternative coatings to zinc; addition of elasticity test for organic coatings; new Annex B on tests for evaluating alternative exterior coatings applied on extra heavy duty electrical rigid steel (EHDERS) conduits.	20190820	29,172円 (本体26,520円)
IEC/TR 61340-5-4 Ed. 1.0:2019	Electrostatics – Part 5-4: Protection of electronic devices from electrostatic phenomena – Compliance verification	静電気－第5-4部：電子装置の静電現象からの保護－適合検証	IEC TR 61340-5-4:2019(E) describes compliance verification testing for technical items that are included in ESD control programs, such as those specified in IEC 61340-5-1.Test methods, in the main body of this document, are based on those specified in IEC 61340-5-1 and other parts of IEC 61340, and are simplified where necessary for the purposes of compliance verification, to be performed by competent personnel.Additional compliance verification tests and procedures within the scope of this document are described in Annexes B to G.Users can, by reference to this document in their compliance verification plan, adopt the necessary test methods described herein without change or addition. Alternatively, tests methods described in this document can be adapted to match the requirements of their own ESD control program, provided deviations in equipment or procedure are documented in their compliance verification plan.Product qualification is excluded from the scope of this document.	20190816	39,600円 (本体36,000円)
IEC 61439-7 Ed. 1.0 b Cor.1:2019	Corrigendum 1 – Low-voltage switchgear and controlgear assemblies – Part 7: Assemblies for specific applications such as marinas, camping sites, market squares, electric vehicle charging stations	正誤票1－低電圧開閉装置及び制御装置アセンブリ－第7部：マリーナ、キャンプ場、マーケットスクエア、電気自動車充電スタンドなど特殊利用分野用のアセンブリ		20190827	-
IEC 62751-2 Amd.1 Ed. 1.0:2019	Amendment 1 – Power losses in voltage sourced converter (VSC) valves for high-voltage direct current (HVDC) systems – Part 2: Modular multilevel converters	修正票1－高電圧直流(HVDC)系統の電圧源コンバータ(VSC)バルブにおける電力損失－第2部：モジュラマルチレベルコンバータ		20190823	5,280円 (本体4,800円)
IEC 62751-2 Ed. 1.1:2019	Power losses in voltage sourced converter (VSC) valves for high-voltage direct current (HVDC) systems – Part 2: Modular multilevel converters	高電圧直流(HVDC)系統の電圧源コンバータ(VSC)バルブにおける電力損失－第2部：モジュラマルチレベルコンバータ	IEC 62751-2:2014+A1:2019 gives the detailed method to be adopted for calculating the power losses in the valves for an HVDC system based on the “modular multi-level converter”, where each valve in the converter consists of a number of self-contained, two-terminal controllable voltage sources connected in series. It is applicable both for the cases where each modular cell uses only a single turn-off semiconductor device in each switch position, and the case where each switch position consists of a number of turn-off semiconductor devices in series (topology also referred to as “cascaded two-level converter”). The main formulae are given for the two-level “half-bridge” configuration but guidance is also given as to how to extend the results to certain other types of MMC building block configuration. This consolidated version consists of the first edition (2014) and its amendment 1 (2019). Therefore, no need to order amendments in addition to this publication.	20190823	52,800円 (本体48,000円)
IEC 62962 Ed. 1.0:2019	Particular requirements for load-shedding equipment (LSE)	負荷制限機器 (LSE) の特定要求事項	IEC 62962:2019 The purpose of this document is to provide requirements for equipment to be used in energy efficiency systems. This document covers load-shedding equipment (LSE).Guidelines relating to safety for LSE as given in IEC Guide 110 have been followed.This document applies to load-shedding equipment for household and similar uses. The load-shedding function is used in energy management systems to optimize the overall use of electrical energy including production and storage. Load-shedding can be used for example for energy efficiency purposes as per IEC 60364-8-1:2019.	20190913	43,560円 (本体39,600円)
IEC 63052 Ed. 1.0:2019	Power frequency overvoltage protective devices (POPs) for household and similar applications	家庭用および類似の用途のための電源周波数過電圧保護デバイス(POP)	IEC 63052:2019 applies to devices for power frequency overvoltage protection (hereafter referred to as “POP”) for household and similar uses, with a rated frequency of 50 Hz, 60 Hz or 50/60 Hz, with rated voltage not exceeding 230 V AC (between phase and neutral), and with rated current not exceeding 63 A, either consisting of a functional unit in combination with a main protective device (MPD), or as one single device having opening means able to open the protected circuit in specified conditions.The main protective device is a circuit-breaker, an RCCB or an RCBO.	20190821	42,240円 (本体38,400円)

IEC/TR 63262 Ed. 1.0:2019	Performance of unified power flow controller (UPFC) in electric power systems	電源システムにおける統合電力潮流コントローラー (UPFC) の性能	IEC TR 63262:2019(E) provides guidelines for applying unified power flow controllers (UPFC) in power systems. It includes letter symbols, terms and definitions, principles and configurations, design rules, performance requirements for key equipment control and protection, insulation co-ordination, system performance and tests. This technical report applies to the UPFC based on modular multi-level converter (MMC) technology, as well as UPFC based on three-level converter technology.	20190913	26,400円 (本体24,000円)
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### 31 エレクトロニクス

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 60062 Ed. 6.1:2019	Marking codes for resistors and capacitors	抵抗器及びコンデンサの表示コード	IEC 60062:2016+A1:2019 specifies designation and marking codes for capacitors and resistors. It provides coding methods for the resistance or capacitance value and its tolerance, including colour coding for resistors. It also provides date code systems suitable for the marking of small components. This edition includes the following significant technical changes with respect to the previous edition: introduction of the new code colour pink for the coding of the multiplier 10 <sup>-3</sup> ; introduction of new subclauses, 3.2 Prescription of code colours, 3.3 Methods for marking resistance value and tolerance, 3.4 Methods for TCR marking, for improved clarity, the subjects of colour assignment, coding of R value and tolerance, and coding of TOR is dealt with in separate clauses; inclusion of illustrations for TCR marking by interrupted colour band; inclusion of a new subclause on a fixed length code marking, fixed length code marking of resistance values with up to 3 significant digits, hence a fixed code length of 4 digits, and fixed length code marking of capacitance values with up to 2 significant digits, hence a fixed code length of 3 digits; introduction of two new clauses, Clause 6, Coding of properties specific to capacitors and Clause 7, Coding of properties specific to resistors; introduction of Annex A, Special three character coding of resistance value with three significant numerals. The contents of the corrigendum of December 2016 have been included in this copy. This consolidated version consists of the sixth edition (2016) and its amendment 1 (2019). Therefore, no need to order amendment in addition to this publication.	20190820	39,600円 (本体36,000円)
IEC 60062 Amd.1 Ed. 6.0:2019	Amendment 1 – Marking codes for resistors and capacitors	修正票1－抵抗器及びコンデンサの表示コード		20190820	2,640円 (本体2,400円)
IEC 60384-11 Ed. 4.0:2019	Fixed capacitors for use in electronic equipment – Part 11: Sectional specification – Fixed polyethylene-terephthalate film dielectric metal foil DC capacitors	電子機器に使用する固定コンデンサー 第11部: 品種別通則－固定ポリエチレンテレフタレートフィルム誘電金属箔直流コンデンサ	IEC 60384-11:2019 is applicable to fixed direct current capacitors, for rated voltages not exceeding 6 300 V, using as dielectric a polyethylene-terephthalate film and electrodes of thin metal foils. For capacitors with rated voltages exceeding 1 000 V, additional tests and requirements may be specified in the detail specification. The capacitors covered by this document are intended for use in electronic equipment. 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 60384-1:2016 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 an equal or higher performance level. Lower performance levels are not permitted. This edition includes the following significant technical changes with respect to the previous edition: a) revision of all parts of the document based on the ISO/IEC Directives, Part 2:2018, and harmonization with other similar kinds of documents; b) the document structure has been organized to follow new sectional specification structure decided in TC 40; c) revised tables and Clause 5 so as to prevent duplications and contradictions.	20190822	26,400円 (本体24,000円)
IEC 60917-1 Ed. 2.0:2019	Modular order for the development of mechanical structures for electrical and electronic equipment practices – Part 1: Generic standard	電子機器方式用機械構造物の開発のためのモジュラーオーダー	IEC 60917-1:2019 is available as IEC 60917-1:2019 RLV which contains the International Standard and its Redline version, showing all changes of the technical content compared to the previous edition. IEC 60917-1:2019 specifies the relationships between equipment practices and the modular order which are applicable to the main structural dimensions of electronic and electrical equipment mounted in various installations where dimensional interfaces have to be considered for mechanical compatibility. This document also established terms for parts and assemblies of mechanical structures for electrical and electronic equipment, to clarify the specific relations between equipment practices and modular order. This second edition cancels and replaces the first edition published in 1998 and its Amendment 1:2000. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition: a) added information on newly developed detail specification standards of mechanical structures for the electrical and electronic equipment practices; b) added information on newly developed performance test standards for the verifications of environmental performances and safety aspects and issues of the thermal performance and thermal management for the electrical and electronic equipment practices; c) introduced the relations between the mechanical structure for electrical and electronic system, the verification of environmental performance and safety aspects and issues of the thermal performance and safety management for the electrical and electronic equipment practices. Key words: IT Cabinets, Mechanical Structures	20190913	22,440円 (本体20,400円)



IEC 60917-1 Ed. 2.0:2019 RLV (Redline version)	Modular order for the development of mechanical structures for electrical and electronic equipment practices – Part 1: Generic standard	電子機器方式用機械構造物の開発のためのモジュラーオーダー	IEC 60917-1:2019 is available as IEC 60917-1:2019 RLV which contains the International Standard and its Redline version, showing all changes of the technical content compared to the previous edition.IEC 60917-1:2019 specifies the relationships between equipment practices and the modular order which are applicable to the main structural dimensions of electronic and electrical equipment mounted in various installations where dimensional interfaces have to be considered for mechanical compatibility. This document also established terms for parts and assemblies of mechanical structures for electrical and electronic equipment, to clarify the specific relations between equipment practices and modular order. This second edition cancels and replaces the first edition published in 1998 and its Amendment 1:2000. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition:a) added information on newly developed detail specification standards of mechanical structures for the electrical and electronic equipment practices;b) added information on newly developed performance test standards for the verifications of environmental performances and safety aspects and issues of the thermal performance and thermal management for the electrical and electronic equipment practices;c) introduced the relations between the mechanical structure for electrical and electronic system, the verification of environmental performance and safety aspects and issues of the thermal performance and safety management for the electrical and electronic equipment practices.Key words: IT Cabinets, Mechanical Structures	20190913	29,172円 (本体26,520円)
IEC 61076-3-123 Ed. 1.0:2019	Connectors for electrical and electronic equipment – Product requirements – Part 3-123: Rectangular connectors – Detail specification for hybrid connectors for industrial environments, for power supply and fibre optic data transmission, with push-pull locking	電子機器のコネクター製品要求事項－第3-132部: 長方形コネクター工業環境、電源および光ファイバーデータ伝送、プッシュプルロック付きのハイブリッドコネクターの詳細仕様	IEC 61076-3-123:2019. covers hybrid rectangular connectors with a 3 poles 16 A electric portion for power supply and a duplex fibre optic connector type LC portion for data transmission. These connectors consist of fixed and free connectors, either rewirable or non-rewirable (for both portions) and use the rectangular push-pull housing described in IEC 61076-3-117 with IP65/IP67 degree of protection, for harsh applications. The mating dimensions of such housings allow fulfilling the performance class Category I according to IEC 61753-1-3 in regards to the fibre optic portion of the connector with the exception of the operating temperature range which is 25 C/+70 C. The electric portion may have different rated insulation voltages. Male connectors have 3 electric round contacts 1.6 mm, with 16 A rated current. The fibre optic portion provides data transmission by using the common mating configurations for all variants of the type LC duplex fibre optic connectors as defined in IEC 61754-20, for dedicated fibre types and fibre termination technology covered therein. The different codings provided by this document prevent the mating of accordingly coded male or female connectors to any other similarly sized interfaces covered by other standards and the cross-mating between the different codings provided by this document. Key words: Rectangular Connectors, Hybrid Connectors, Power Supply and Fiber Optic Data Transmission.	20190913	31,680円 (本体28,800円)
IEC 61747-30-3 Ed. 1.0:2019	Liquid crystal display devices – Part 30-3: Measuring methods for liquid crystal display modules – Motion artefact measurement of active matrix liquid crystal display modules	液晶表示装置－第30-3部: 液晶表示モジュールの測定方法－アクティブマトリクス液晶表示モジュールのモーションアーチファクト測定	IEC 61747-30-3:2019(E) applies to transmissive type active matrix liquid crystal displays. This document defines general procedures for quality evaluation related to the motion performance of transmissive thin film transistor (TFT) LCDs. It defines artefacts in the moving image and methods for motion artefact measurement. NOTE Motion blur measurement methods and analysis methods introduced in this document are not universal tools for all the different LCD motion enhancement technologies due to their complexity. Users attention is drawn to this fact. This first edition cancels and replaces the first edition of IEC 61747-30-3 published in 2011. This edition constitutes a technical revision. This edition includes the following significant technical changes with respect to the previous edition:a) added test positions and areas;b) revised standard measuring conditions;c) added calculation of the standard deviation of the line-spread function of the eye;d) added requirements for high speed camera;e) changed LCDs to transmissive TFT LCDs in Clause 1.	20190821	22,440円 (本体20,400円)
IEC 63145-20-10 Ed. 1.0:2019	Eyewear display – Part 20-10: Fundamental measurement methods – Optical properties	眼鏡類ディスプレイ－第20-10部: 基本的な測定方法－光学特性	IEC 63145-20-10:2019(E) specifies the standard measurement conditions and measurement methods for determining the optical properties of eyewear displays. This document applies to non-see-through type (virtual reality VR goggles) and see-through type (augmented reality AR glasses) eyewear displays using virtual image optics. Contact lens-type displays and retina direct projection displays are out of the scope of this document.	20190816	26,400円 (本体24,000円)
IEC 63145-20-20 Ed. 1.0:2019	Eyewear display – Part 20-20: Fundamental measurement methods – Image quality	眼鏡類ディスプレイ－第20-20部: 基本的な測定方法－画質	IEC 63145-20-20:2019 (E) specifies the standard measurement conditions and measurement methods for determining the image quality of eyewear displays. This document is applicable to non-see-through type (virtual reality VR goggle) and see-through type (augmented reality AR glasses) eyewear displays using virtual image optics. Contact-lens type displays and retina direct projection displays are out of the scope of this document.	20190913	22,440円 (本体20,400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)
IEC 61000-4-18 Ed. 2.0 b Cor.1:2019	Corrigendum 1 – Electromagnetic compatibility (EMC) – Part 4-18: Testing and measurement techniques – Damped oscillatory wave immunity test	正誤票1－電磁両立性(EMC)－第4-18部: 試験及び測定技術－減衰振動波イミュニティ試験		20190829	－

IEC 61169-1-2 Ed. 1.0:2019	Radio-frequency connectors – Part 1-2: Electrical test methods – Insertion loss	無線周波数コネクタ 第1-2部:電気試験方法—挿入損失	IEC 61169-1-2:2019 provides test methods for the insertion loss of radio-frequency (RF) connectors. This document is applicable to cable RF connectors, microstrip RF connectors and RF connector adapters. It is also applicable to RF channels in multi-RF channel connectors and hybrid connectors which contain any combination of coaxial contact, optical fibres contact, and current-carrying electrical contact element.	20190912	5,280円 (本体4,800円)
IEC 61169-64 Ed. 1.0:2019	Radio frequency connectors – Part 64: Sectional specification – RF coaxial connectors with 0.8 mm inner diameter of outer conductor – Characteristic impedance 50 (type 0.8)	無線周波数コネクタ 第64部:品種別通則—外導体内径0.8mmを持つ無線周波同軸コネクタ—特性インピーダンス50(タイプ 0.8)	IEC 61169-64:2019, which is a sectional specification (SS), provides information and rules for the preparation of detail specifications (DS) for IEC 61169 (all parts) coaxial connectors with 0.8 mm coupling. The connectors are used with cables with characteristic impedance 50 in an operating frequency range up to 145 GHz. The connectors are widely used in communications and measurements. It describes the interface dimensions for general purpose connectors with gauging information and the mandatory tests selected from IEC 61169-1, applicable to all detail specifications relative to type 0.8 connectors. This specification indicates the recommended performance characteristics to be considered when writing a DS and covers all tests schedules and inspection requirements.	20190912	18,480円 (本体16,800円)
IEC 61935-1-1 Ed. 1.0:2019	Specification for the testing of balanced and coaxial information technology cabling – Part 1-1: Additional requirements for the measurement of transverse conversion loss and equal level transverse conversion transfer loss	バランス同軸情報技術ケーブルリングの試験仕様—第1-1部:横方向変換損失および同等レベルの横方向変換伝達損失の測定に関する追加要求事項	IEC 61935-1-1:2019 specifies additional reference measurement procedures for level V field testers, transverse conversion loss (TCL) and equal level transverse conversion transfer loss (ELTCTL). The requirements for field tester accuracy to measure these parameters according to the requirements of ISO/IEC 11801-1 are specified in this document.	20190913	9,240円 (本体8,400円)
IEC 63137-1 Ed. 1.0:2019	Standard test radio-frequency connectors – Part 1: Generic specification – General requirements and test methods	高周波コネクタの標準試験—第1部:品目別通則—一般要求事項及び試験方法	IEC 63137-1:2019 defines general requirements for standard test radio frequency (RF) connectors (grade 0), including terms and definitions, ratings and characteristics, general requirements, test methods, quality assessment procedures, and etc. Standard test radio frequency (RF) connectors (grade 0) are intended to measure grade 1 and grade 2 RF connectors for electrical performances. Typically, a standard test radio frequency (RF) connector (grade 0) is an adapter with one end (normally a precision connector interface) which can be connected with measurement equipment and the other end (normally a standard test connector interface) which can be connected with grade 1 or grade 2 connectors. This specification applies to grade 0 standard test connectors (called connector, hereinafter).	20190816	18,480円 (本体16,800円)
IEC 63138-1 Ed. 1.0:2019	Multi-channel radio frequency connectors – Part 1: Generic specification – General requirements and test methods	マルチチャンネル高周波コネクタ 第1部:品目別通則—一般要求事項及び試験方法	IEC 63138-1:2019 which is a generic specification, specifies general requirements for multi-channel radio-frequency connectors, including terms and definitions, design and construction, ratings and characteristics, climatic categories, IEC type designation, requirements and test procedures, quality assessment, marking, etc. It provides the basis for establishing the sectional specifications for various multi channel radio frequency connector types. This document applies to multi-channel radio-frequency connectors (called “connectors”, hereinafter) for use in communications, electronics and other equipment.	20190912	26,400円 (本体24,000円)
IEC/TR 63231 Ed. 1.0:2019	Consideration of energy efficiency in wireless power transfer technology	ワイヤレス電力伝送技術におけるエネルギー効率への配慮	IEC TR 63231:2019 describes the technical background of current energy efficiency efforts related to wireless power transfer (WPT) technology and commercially available products related to related to audio, video and multimedia systems and equipment. This Technical Report examines use cases, standardization efforts of other standards development organizations (SDOs) and known national regulations. This document concludes with observations and recommendations for the potential future technical standards development activities within the scope of TC 100.	20190822	9,240円 (本体8,400円)

### 35 情報技術. 事務機械

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 62657-2 Ed. 2.1:2019	Industrial communication networks – Wireless communication networks – Part 2: Coexistence management	工業用コミュニケーションネットワーク—無線通信ネットワーク 第2部:共存マネジメント	IEC 62657-2:2017 specifies the fundamental assumptions, concepts, parameters, and procedures for wireless communication coexistence; specifies coexistence parameters and how they are used in an application requiring wireless coexistence; provides guidelines, requirements, and best practices for wireless communication's availability and performance in an industrial automation plant; it covers the life cycle of wireless communication coexistence; helps the work of all persons involved with the relevant responsibilities to cope with the critical aspects at each phase of life-cycle of the wireless communication coexistence management in an industrial automation plant. Life-cycle aspects include: planning, design, installation, implementation, operation, maintenance, administration and training; provides a common point of reference for wireless communication coexistence for industrial automation sites as a homogeneous guideline to help the users assess and gauge their plant efforts; deals with the operational aspects of wireless communication coexistence regarding both the static human/tool-organization and the dynamic network self-organization. This second edition cancels and replaces the first edition published in 2013. This edition constitutes a technical revision. This second edition includes the following significant technical changes with respect to the previous edition: a) update of the normative references, terms, definitions, symbols and abbreviations; b) addition of terms; c) checking of the life-cycle terms of this document versus the terms used in IEC 62690; and addition of explanations; d) addition and modification of text to make the text more readable;	20190913	72,600円 (本体66,000円)

IEC 62657-2 Amd.1 Ed. 2.0:2019	Amendment 1 – Industrial communication networks – Wireless communication networks – Part 2: Coexistence management	修正票1ー工業用コミュニケーションネットワークー無線通信ネットワークー第2部: 共存マネジメント		20190913	13,200円 (本体12,000円)
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#### 43 自動車工学

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 63033-3 Ed. 1.0:2019	Car multimedia systems and equipment – Drive monitoring system – Part 3: Measurement methods	車両マルチメディアシステム及び機器ードライバーモニタリングシステムー第3部: 測定方法	IEC 63033-3:2019 specifies measurement methods for the drive monitoring system that is specified in IEC TS 63033-1:2017.	20190913	9,240円 (本体8,400円)

#### 45 鉄道工学

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 62590 Ed. 2.0:2019	Railway applications – Fixed installations – Electronic power converters for substations	鉄道分野ー鉄道用地上設備ー変電所用の電力変換装置	IEC 62590:2019 is available as IEC 62590:2019 RLV which contains the International Standard and its Redline version, showing all changes of the technical content compared to the previous edition.IEC 62590:2019 specifies the requirements for the performance of all fixed installations electronic power converters, using controllable and/or non-controllable electronic valves, intended for traction power supply. The devices can be controlled by means of current, voltage or light. Non-bistable devices are assumed to be operated in the switched mode.This document applies to fixed installations of the following electric traction systems:- railways,- guided mass transport systems such as: tramways, light rail systems, elevated and underground railways, mountain railways, trolleybuses.This standard is based on EN 50328. This second edition cancels and replaces the first edition published in 2010. This edition includes the following significant technical changes with respect to the previous edition:a) Incorporation of DC converters.b) Correction of the clearances and withstand voltages due to erroneous use of PD in former edition.c) adaption of structure, adaption of vocabulary, removal of unused term and abbreviations.	20190823	35,640円 (本体32,400円)
IEC 62590 Ed. 2.0:2019 RLV (Redline version)	Railway applications – Fixed installations – Electronic power converters for substations	鉄道分野ー鉄道用地上設備ー変電所用の電力変換装置	IEC 62590:2019 is available as IEC 62590:2019 RLV which contains the International Standard and its Redline version, showing all changes of the technical content compared to the previous edition.IEC 62590:2019 specifies the requirements for the performance of all fixed installations electronic power converters, using controllable and/or non-controllable electronic valves, intended for traction power supply. The devices can be controlled by means of current, voltage or light. Non-bistable devices are assumed to be operated in the switched mode.This document applies to fixed installations of the following electric traction systems:- railways,- guided mass transport systems such as: tramways, light rail systems, elevated and underground railways, mountain railways, trolleybuses.This standard is based on EN 50328. This second edition cancels and replaces the first edition published in 2010. This edition includes the following significant technical changes with respect to the previous edition:a) Incorporation of DC converters.b) Correction of the clearances and withstand voltages due to erroneous use of PD in former edition.c) adaption of structure, adaption of vocabulary, removal of unused term and abbreviations.	20190823	46,332円 (本体42,120円)
IEC 62912-2 Ed. 1.0:2019	Railway applications – Direct current signalling monostable relays – Part 2: Spring type relays	鉄道用途ー直流信号伝達単安定リレー第2部:ばね式リレー	IEC 62912-2:2019 gives requirements for direct current relays intended for safety-related applications in railway signalling installations.This document is applicable to non-proved signalling monostable relays of the spring type, whose return force is generated by elasticity of spring.The return force can be provided either from a separate spring and/or from the contact springs themselves.	20190816	18,480円 (本体16,800円)
IEC 63076 Ed. 1.0:2019	Railway applications – Rolling stock – Electrical equipment in trolley buses – Safety requirements and current collection systems	鉄道分野ー鉄道車両ートロリーバスの電気機器ー安全要求事項及び集電システム	IEC 63076:2019 applies to electrical systems aboard vehicles of the trolley bus type, as defined in 3.1, fed with a nominal line voltage (Un) between 600 V DC and 750 V DC. This document defines the requirements and constructional advice, especially to avoid electrical danger to the public and to staff. Where special requirements exist for trolley buses, advice is given for mechanical and functional safety, as well as for protection against fire.This publication is based on EN 50502:2015.This document covers vehicles intended for public transportation. This document applies to:- trolley buses without on-board isolation interface from the contact line,- buses with a current rail for guidance in the road surface,- guided buses with bipolar roof current collectors.	20190913	31,680円 (本体28,800円)

#### 91 建設材料及び建築物

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 62561-2 Ed. 2.0 b Cor.1:2019	Corrigendum 1 – Lightning protection system components (LPSC) – Part 2: Requirements for conductors and earth electrodes	正誤票1ー避雷装置構成部品(LPSC)ー第2部: 導体及び接地電極の要求事項		20190829	-

#### 97 家庭用及び商業用装置、娯楽、スポーツ

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 62115 Ed. 2.0 b Cor.1:2019	Corrigendum 1 – Electric toys – Safety	正誤票1ー電動玩具ー安全性		20190827	-

IEC 62885-8 Ed. 1.0:2019	Surface cleaning appliances – Part 8: Dry vacuum cleaners for commercial use – Methods for measuring the performance	表面洗浄機器－第8部：業務用乾式真空掃除機－性能の測定方法	IEC 62885-8:2019 is applicable for measurements of the performance of mains-operated dry vacuum cleaners, including water filter vacuum cleaners, for commercial use. The requirements for the construction and testing covered by this document are applied in addition to the requirements for commercial vacuum cleaners in IEC 60335-2-69. The purpose of this document is to specify essential performance characteristics of dry vacuum cleaners for commercial use that are of interest to operators and to describe methods for measuring these characteristics. Due to the influence of environmental conditions, variations in time, origin of test materials and proficiency of the operator, some of the described test methods will give more reliable results when applied for comparative testing of a number of appliances at the same time, in the same laboratory and by the same operator. The methods here can be applied with modifications for surface-cleaning product types or technologies not currently covered within the scope. For safety requirements, reference is made to IEC 60335-1 and IEC 60335-2-69. This first edition cancels and replaces IEC PAS 62611, published in 2009.	20190822	5,280円（本体4,800円）
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