



Commodity Compliance Specification

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Overview

This external facing document identifies the commodity categories that shall have compliance documents on file and the specific compliance documentation that shall be provided to the Oracle. Suppliers shall provide this compliance documentation to Oracle for its records to support worldwide imports. Suppliers must ensure appropriate labeling is on the commodity itself and not rely on extra notifications on packaging or documentation.

Audience

Third party suppliers of electronic components, Oracle Engineering, Oracle Sourcing and Hardware Technical Compliance Engineering

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1. Introduction

Oracle is required to have compliance documentation on file for certain commodity components in order to fulfill orders worldwide. These may be sales to end customers, reseller/distributor partners, or Service Request shipments. To address this requirement, suppliers of certain category commodities identified in this specification shall provide compliance documentation to Oracle. Suppliers must ensure appropriate labeling is on the commodity itself and not rely on extra notifications on packaging or documentation. If a country is not listed in this specification, then that country's requirements can be addressed using documentation already listed in this specification for other requirements.

2. Definitions

| Acronym or Term | Definition |
|-----------------|---|
| Certificate | Certificates are issued by a 3 rd party agency accredited by a government entity to perform the testing and certify the compliance of a product. |
| DOC | Declaration of Conformity (DOC) is a declaration signed by the brand owner that also controls the design and compliance of the product. |
| EAEU | Eurasian Economic Union. Members include Armenia, Belarus, Kazakhstan, Kyrgyzstan and Russia. |
| EN | European Norm or European standard |
| EU | European Union |
| GCC | Gulf Cooperation Council. Members include Bahrain, Kuwait, Oman, Qatar, Saudi Arabia and United Arab Emirates (UAE). |
| LOA | Letter of Authority (as used by South Africa NRCS) |
| UK | United Kingdom |
| USA | United States of America |

3. Component Commodity Categories in Scope

Suppliers for the below listed component commodity categories shall provide compliance documentation and maintain the applicable approvals for the duration of the sales to Oracle.

| Component Commodity Category | Description |
|-------------------------------------|--|
| Battery / Cell | Both primary (nonrechargeable) and secondary (rechargeable) batteries, cells and coin-cells of all chemistries. This includes but is not limited to lithium or lithium-ion batteries. |
| Drive | Hard disk drive (HDD), solid state drive (SSD) and tape drive. This Commodity Compliance Spec addresses these as components of systems, so they are bare drive bricks that are installed in systems and slave power from the systems. |
| Memory | Dual in-line memory module (DIMM), single in-line memory module (SIMM), and similar technology components that can be installed and replaced without use of soldering. |
| PCIe Card | Peripheral Component Interconnect Express (PCIe) cards including Host Bus Adapters (HBAs). |
| PDU | Power Distribution Unit (PDU) or power strip. |
| PSU | Internal Power Supply Unit (PSU) including both AC input and DC input power. |
| Power Adapter or Power Shelf | Power adapters (external power supply bricks) including both AC input and DC input power. |
| Pluggable Transceiver | All pluggable transceivers including small form-factor pluggable (SFP), enhanced small form-factor pluggable (SFP+), compact small form-factor pluggable (CSFP), and quad small form-factor pluggable (QSFP). Includes active optical cable (AOC). |
| Fan | All fans. |
| Internal Wiring | All internal wiring. Doesn't matter if it has a connector or if it might be separately shipped as a spare. |
| Comm. Cable | Communication cable. Note: An active optical cable (AOC) that has a built-in pluggable transceiver(s) on one or both ends would also have the compliance requirements as a pluggable transceiver. |
| Power Cord Set | A power cord set is a complete assembly including a plug, a cable, and a connector. All power cords and power jumper cords. Details provided in sections 7 and 8. |
| Power Jumper Cord Set | A power jumper cord set is a complete assembly including a cable with connectors on both ends (one male and one female connector) and no plug. Details provided in sections 7 and 8. |

4. Compliance Document Descriptions

| Title | Description of Documents to be Collected and Mandatory Filename Format |
|---------------------------------|--|
| CB Cert and Report | International certification body (CB) scheme certificate issued by an accredited CB Testing Laboratory (CBTL) and showing compliance to the applicable safety standard(s) which start with the letters "IEC". The CB certification must include all national differences. <i>Mfr_CMN_CB_Cert_YYYYMMDD.pdf</i> and <i>Mfr_CMN_CB_Report_YYYYMMDD.pdf</i> |
| RoHS MD or IPC-1752A | RoHS material declaration (MD) IPC-1752A in accordance with Restriction of Hazardous Substances (RoHS) Compliance and Declaration Policy (PN 990-1237). <i>A.B_C_D.pdf</i> where A = Manufacturer name; B = Manufacturer's part number or series identifier; C = RoHS Directive (RoHS6 for original or RoHS10 to include amendment with phthalate restriction compliance); D = supplier document date MMMYYYY Examples: <i>Pencom.CS2153_RoHS10_Apr2018.pdf</i> (individual part number) <i>IDT.BTS24xxxSeries_RoHS10_Feb2018.pdf</i> (series identifier) |
| UN 38.3 Report | Required for all lithium batteries <i>Mfr_CMN_UN_Report_YYYYMMDD.pdf</i> |
| MSDS | Material Safety Data Sheet (MSDS) required for batteries of all chemistry types. <i>Mfr_CMN_MSDS_YYYYMMDD.pdf</i> |
| Drop Test Report | Packaged 1.4m drop test report is required for all lithium battery assemblies. <i>Mfr_CMN_DropTest_YYYYMMDD.pdf</i> |
| State of Charge Declaration | 30% state of charge declaration required for all lithium battery assemblies. <i>Mfr_CMN_SOC_YYYYMMDD.pdf</i> |
| Data Sheet, Spec or Eng Drawing | Data sheet, spec sheet or engineering drawing. For power supplies, the data sheet must have the minimum information listed in Appendix A for power supplies. To avoid the need for collecting or creating additional supporting documentation, the data sheet or spec sheet will not only address the commodities intended function but also address the compliance traceability requirements identified in PROC-10103. For internal wiring, a picture (photo) of the wiring is an acceptable alternative. <i>Mfr_CMN_DataSheet_YYYYMMDD.pdf</i> <i>Mfr_CMN_SpecSheet_YYYYMMDD.pdf</i> <i>Mfr_CMN_Drawing_YYYYMMDD.pdf</i> <i>Mfr_CMN_Photo_YYYYMMDD.pdf</i> |
| Australia RCM DOC | Australia declaration of conformity (DOC). This approval document is accepted by New Zealand as well. <i>Mfr_CMN_Aus_DoC_YYYYMMDD.pdf</i> |
| China CCC Cert | China Compulsory Certification (CCC) certificate required unless the product uses over 6A current at 220VAC. The certificate has an expiration date, so later certificates shall be provided to Oracle as the approvals are renewed. <i>Mfr_CMN_CCC_Cert_YYYYMMDD_ExpiresYYYYMMDD.pdf</i> |
| EAEU EAC | Eurasian Conformity (EAC) certificate(s) including all applicable standards for EMC, safety and RoHS. <i>Mfr_CMN_EAC_Cert_YYYYMMDD_ExpiresYYYYMMDD.pdf</i> (combine all certificates for the product to one PDF file) |
| EU CE DOC | EU declaration of conformity (DOC) signed by the brand manufacturer to declare compliance with applicable harmonized standards and CE mark requirements. <i>Mfr_CMN_DoC_CE_YYYYMMDD.pdf</i> |
| EU Safety Cert | Safety certificate from an accredited 3 rd party safety agency certifying the component complies with the applicable European Union safety standard(s) which start with the letters "EN". <i>Mfr_CMN_EU_Cert_YYYYMMDD.pdf</i> |
| India BIS Reg | Bureau of Indian Standards (BIS) registration letter. These registrations have expirations, so later BIS registration letters shall be provided to Oracle as approvals are extended. <i>Mfr_CMN_India_BIS_Cert_YYYYMMDD_ExpiresYYYYMMDD.pdf</i> |
| India TEC Cert | Telecommunications Engineering Centre (TEC) certificate. These certificates have expirations, so later TEC certificates shall be provided to Oracle as approvals are extended. <i>Mfr_CMN_India_TEC_Cert_YYYYMMDD_ExpiresYYYYMMDD.pdf</i> |
| Japan VCCI Cert | PDF of automated email approval of component from Japan's Voluntary Control Council for Interference (VCCI). <i>Mfr_CMN_VCCI_YYYYMMDD.pdf</i> |
| Malaysia SIRIM Cert | <i>Mfr_CMN_SIRIM_YYYYMMDD.pdf</i> |
| Mexico NOM Cert | Norma Oficial Mexicana (English: "Official Mexican Standard") certification. <i>Mfr_CMN_NOM_YYYYMMDD.pdf</i> |
| Morocco CMIM DOC | Morocco declaration of conformity listing the EN standards and stating words to the effect: "This equipment complies with Morocco low voltage ordinance 2573-14 and EMC ordinance 2574-14." English is acceptable for Oracle, but the manufacturer must translate and sign the DOC in French or Arabic quickly upon request. <i>Mfr_CMN_DoC_CMIM_YYYYMMDD.pdf</i> Note: The Morocco declaration may be combined in with the European Union CE DoC document. If this is done, then no separate document is necessary for Morocco. |

| | |
|--|--|
| South Africa LOA | Letter of Authority (LOA) issued by South Africa National Regulator for Compulsory Specifications (NRCS). <i>Mfr_CMN_SouthAfrica_LOA_YYYYMMDD.pdf</i> |
| South Africa SABS Cert | SABS Certificate issued by South African Bureau of Standards (SABS). <i>Mfr_CMN_SouthAfrica_SABS_YYYYMMDD_ExpiresYYYYMMDD.pdf</i> |
| South Korea KC Cert | South Korea KC certificate. <i>Mfr_CMN_KC_Cert_YYYYMMDD.pdf</i> PSUs and power adapters require both EMC and safety standards for KC. Send both certificates if not already combined together. <i>Mfr_CMN_KC_Cert_YYYYMMDD_EMCA.pdf</i> and <i>Mfr_CMN_KC_Cert_YYYYMMDD_Safety_ExpiresYYYYMMDD.pdf</i> |
| Taiwan BSMI Cert | Taiwan's Bureau of Standards, Metrology and Inspection (BSMI) certificate. Some categories of commodities may have a BSMI declaration of conformity (DOC) instead. <i>Mfr_CMN_BSMI_Cert_YYYYMMDD_ExpiresYYYYMMDD.pdf</i> |
| UK UKCA DOC | UK Conformity Assessed (UKCA) declaration of conformity (DOC) signed by the brand manufacturer to declare compliance with applicable UK designated standards and UKCA mark requirements. <i>Mfr_CMN_DoC_UKCA_YYYYMMDD.pdf</i> Note: The UK declaration may be combined in with the European Union CE DoC document. If this is done, then no separate document is necessary for UK. |
| USA CDRH Letter | USA Laser Safety Letter from the Center for Devices and Radiological Health (CDRH). This is required for all commodities having a laser like optical transceivers. <i>Mfr_CMN_CDRH_Letter_YYYYMMDD.pdf</i> |
| USA DOC | USA declaration of conformity in accordance with 47CFR15 Subpart B. Required if generating or using a frequency $\geq 9\text{kHz}$ and introduced to USA market after 1 October 2018. <i>Mfr_CMN_DoC_FCC_YYYYMMDD.pdf</i> |
| USA & Canada NRTL Cert or date-stamped UL Listing Card | USA Nationally Recognized Test Lab (NRTL) evidence of safety approval -- a certificate or the first page of the test report. UL also has a web based UL Listing Card that shows compliance model numbers that are currently listed, but the PDF of this page must be date-stamped to show when this PDF was created from the UL web site. This UL Listing Card is not a sufficient alternative to a NRTL certificate for PDU, PSU and power adapter. NRTL labs include but are not limited to CSA, ETL, Nemko, TUV and UL. The same labs may perform Canada testing. Must cite safety standards for both USA (start with "UL") and Canada (start with CSA). <i>Mfr_CMN_NRTL_YYYYMMDD.pdf</i> |

Filename element descriptions Any extra explanations should only be added at the end of the specified filename format.

- *Mfr* = Manufacturer's name in shortened form. For example, "Oracle America Inc" would just be "Oracle".
- *CMN* = The Compliance Model Number (CMN) or compliance identification is the number/name that is used to identify that commodity on the agency compliance approval certificates and declarations of conformity (DOCs). May be a part number if that is what is on the compliance documentation.
- *YYYYMMDD* = Final signature date as provided in the document. Example is "20160623" which is for 23 June 2016.
- *ExpiresYYYYMMDD* = Key word "Expires" with the expiration date given on the document.

5. Compliance Document to Commodity Category Table

| | Battery / Cell | Drive | Memory | PCIe Card | PDU | PSU | Power Adapter or Power Shelf | Pluggable Transceiver (incl AOC) | Fan | Internal Wiring | Comm Cable | Power Cord & Wireless Devices | See sections 6 - 8. |
|---|------------------|----------------|--------|----------------|--|--|--|----------------------------------|----------------|-----------------|----------------|-------------------------------|---------------------|
| CB Cert and Report | X | X | | X | X | X | X | X | | | | | |
| RoHS MD IPC-1752A | | X | X | X | X | X | X | X | X | X | X | X ⁷ | |
| UN38.3 Report | X | | | | | | | | | | | | |
| MSDS | X | | | | | | | | | | | | |
| Drop Test Report | X | | | | | | | | | | | | |
| State of Charge Declaration | X | | | | | | | | | | | | |
| Picture of product | X | X | X | X | X | X | X | X | X | X | X | X | |
| Picture or drawing of compliance label and/or regulatory markings | X | X | X | X | X | X | X | X | X | X | X | X | |
| Data Sheet, Spec or Eng Drawing | X | X | X | X | X | X | X | X | X | X | X | X | |
| Argentina S-mark Cert | | | | | | | X ¹ (not power shelf) | | | | | | |
| Australia RCM DOC | | X | | | X ¹ | | | | | | | | |
| China CCC Cert | | | | | | X ¹ (Except uses over 6A at 220VAC) | X ¹ (Except uses over 6A at 220VAC) | | | | | | |
| EAEU EAC Cert | | | | | X ¹ (EMC/Safety only; not RoHS) | | X ¹ | | | | | | |
| EU CE DOC | X | X | X | X | X ¹ | X | X | X | X | X | X | X ^{1,7} | |
| EU Safety Cert | X | X | | | X ¹ | X | X | X ³ | X ³ | X ³ | | | |
| India BIS Reg | X ^{1,6} | | | | | X ^{1,5} | X ^{1,5} | | | | | X ^{1,8} | |
| India TEC Cert | | | | | | | | | | | | | |
| Japan PSE Cert | | | | | X ¹ (if rated ≤50A & ≤300VAC L-L) | | X ¹ | | | | | | |
| Japan VCCI Cert | | X ¹ | | X ¹ | | | | | | | | | |
| Malaysia SIRIM Cert | | | | | | | X ¹ | | | | | | |
| Mexico NOM Cert | | | | | | | X ¹ | | | | | | |
| Morocco CMIM DOC | | | | | X ¹ | X ¹ | X ¹ | | | | | | |
| South Africa SABS Cert | | | | | X ¹ | | | | | | | | |
| South Korea KC Cert | X ^{1,6} | X ¹ | | X ¹ | X ¹ | X ¹ (if used in computer/server) | X ¹ | | | | | | |
| Taiwan BSMI Cert | X ^{1,6} | X ¹ | | X ⁴ | | X ¹ | X ¹ | | | | | | |
| Thailand TISI Cert | X ^{1,6} | | | | | | | X ¹ | | | | | |
| UK UKCA DOC | | X | X | X | X ¹ | X | X | X | X | X | X | X ^{1,7} | |
| USA CDRH Letter | | | | | | | | | | | X ² | | |
| USA DOC | | X | | | X ¹ (Only if using freq ≥9kHz) | X | X | | | | | | |
| USA NRTL Cert or date-stamped UL Listing Card | X | X | | X ³ | X ^{1,9} (cert only) | X ⁹ (cert only) | X ⁹ (cert only) | X ⁹ (cert only) | X ³ | X | | | |

Notes

1. Certification applies only if commodity is intended for shipment to this country. Eurasia Economic Union (EAEU) includes Armenia, Belarus, Kazakhstan or Russia. The EU, UK and Morocco DOCs may be combined to one document. The Europe DOC is also used in Saudi Arabia, Turkey and UAE.
2. If commodity has a laser as may be found on optical transceivers.
3. Mandatory for cards having a fan, optical components (fiber optics, laser, etc.), energy storage module (ESM), lithium or lithium-ion

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battery, or super capacitor (>1F). Mandatory for transceivers having optical components (fiber optics, laser, etc.). Otherwise, Oracle needs the certificate only if the supplier already obtained this approval for the commodity.

4. If supplier already obtained this approval for the commodity, then Oracle needs the certificate.
5. Only power supplies having closed frame enclosures, not exposed cards. PSU is highly specialized equipment exempt if 3 phase or rated > 16A.
6. Only for secondary (rechargeable) battery/cell that is used in portable products.
7. Only for electrical cables (those that pass electrical signals) and not for passive optical cables (those that only pass light).
8. Only for power wiring with conductor cross sectional area $\geq 0.5\text{mm}^2$ ($\leq 20\text{AWG}$) if PVC insulated or $\geq 1.0\text{mm}^2$ ($\leq 17\text{AWG}$) if elastomer insulated. Data wiring is excluded.
9. Must have a NRTL Cert. UL Listing Card is not a sufficient alternative for this commodity.

6. Power cord Sets and Power Jumper Cords Rated Up to 16A

The below table identifies what compliance documents are required for a power cord set or power jumper cord. Some compliance documents are required for the plug (plugs into a socket), for the cable, for the connector (connects to the system level product or the power adapter), or for the cord set (fully assembled as a whole with plug and connector mounted on the cable). Power jumper cords have connectors on both ends (one male and one female connector) and no plug. For example, a cord having a C13 and a C14 connector is a power jumper cord set.

| | Plug | Cable | Connector | Cord Set ≤ 16A | Jumper Cord Set ≤ 16A |
|--|---------------------------------|--|-------------------------------------|-------------------|-----------------------------------|
| CB Cert | X ^{2,3} | X ^{2,3} | X ^{2,3} | X ² | X ² |
| Picture of cord set | | | | X | X |
| Picture or drawing of compliance label and/or regulatory markings | X | X | X | | |
| Engineering Drawing | | | | X | X |
| Argentina S Mark or IRAM Cert | X ^{1,3} | CB Cert ^{1,3} | | X ¹ | X ¹ |
| Australia New South Wales (NSW) Cert | X ¹ | X ¹ | X ¹ | | |
| Brazil INMETRO and CSA Cert | X ¹ | | | | |
| Cambodia License | X ¹ | X ¹ | | | |
| China CCC Cert & Label Permission Cert | X ^{1,3} | X ^{1,3} | X ^{1,3} | X ¹ | X ¹ |
| Denmark Cert | X ¹ (Denmark) | X ¹ (EN) | X ¹ (EN) | | |
| EAEU EAC Cert | | | | X ¹ | X ¹ |
| EU CE DOC | | | | X ¹ | X ¹ |
| EU/UK Safety Cert | X ¹ (EN) | X ¹ (EN) | X ¹ (EN) | | |
| GCC Cert | X ¹ | | | | |
| India BIS Cert (ISI mark) | X ¹ | X ¹ | | | |
| Indonesia SNI cert | X ¹ | X ¹ | | | |
| Israel SII cert | X ¹ | | | | |
| Italy Cert | X ¹ (Italy) | X ¹ (EN) | X ¹ (EN) | | |
| Japan PSE cert | X ¹ | X ¹ | X ¹ | | |
| Malaysia SIRIM Cert | X ¹ | | | | |
| Singapore PSB Cert | X ¹ | | | | |
| South Africa SABS Cert | | | | X ¹ | |
| South Korea KC Cert | X ^{1,3} | X ^{1,3} (EU Cert accepted) | X ^{1,3} (EU Cert accepted) | X ¹ | X ¹ (EU Cert accepted) |
| Switzerland SEV Cert | X ^{1,4} | | | | |
| Taiwan BSMI Cert | X ^{1,3} | X ^{1,3} | | X ¹ | |
| Thailand TISI Cert | X ¹ (TIS166-2549) | X ¹ (TISI cert to TIS11 or CB to IEC60227-5) | | | |
| UK UKCA DOC | | | | X ¹ | X ¹ |
| USA and Canada NRTL Cert or date-stamped UL Listing Card | X ¹ | X ¹ | X ¹ | X ¹ | X ¹ |

Notes

1. Certification applies only if commodity is intended for shipment to this country.
2. Not mandatory. If supplier already obtained this approval for the commodity, then Oracle needs the certificate.
3. Oracle will not collect the certificates for the “X” entries in table gray cells as long as we have the higher level power cord set or power jumper cord set approvals on hand.
4. Switzerland: Requires SEV for 3pin plugs, but accepts either EU standards certification or SEV for 2pin plugs.

7. Power Cord Sets and Power Jumper Cords Rated over 16A

The below table identifies what compliance documents are required for a power cord or power jumper cord that are safety rated over 16A. Some compliance documents are required for the plug (plugs into a socket), for the cable, for the connector (connects to the system level product or the power adapter), or for the cord set (fully assembled as a whole with plug and connector mounted on the cable). Power jumper cords have connectors on both ends (one male and one female connector) and no plug.

| | International Plug | North American Plug | Cable | Connector | Cord Set > 16A |
|--|--------------------|---------------------|------------------|------------------|----------------|
| CB Cert | X ² | | X ² | X ² | |
| 3 rd party safety cert granting a safety mark on the approved component. Example sources: UL, VDE, TUV, CSA & Nemko. | X ² | | X ² | X ² | |
| Picture of cord set | | | | | X |
| Picture or drawing of compliance label and/or regulatory markings | X | X | X | X | |
| Engineering Drawing or other cable drawing. Must have confidential or proprietary markings removed. Must have brand name, part number, cable length and plug/connector type marked on the drawing. | | | | | X |
| Manufactured within a 3 rd Party Safety Agency Program that includes factory audits to the Engineering or other cable drawing (Examples include UL or CSA Wiring Harness Program.) | | | | | X ³ |
| Europe CE DOC | | | | | X ¹ |
| India BIS Cert (ISI mark) | | | X ¹ | | |
| South Africa SABS Cert | | | | | X ¹ |
| UK UKCA DOC | | | | | X ¹ |
| USA and Canada NRTL Cert or date-stamped UL Listing Card | | X ^{1,2} | X ^{1,2} | X ^{1,2} | X ¹ |

Notes

1. Certification applies only if commodity is intended for shipment to this country.
2. Oracle will not collect the certificates for the "X" entries in table gray cells as long as we have the higher level power cord set or power jumper cord set certificates on hand. If the higher level power cord set or power jumper cord approvals are not available, we must have valid/current copies of the individual component certificates (Plug, Cable and Connector)
3. Verification is required if the Cord Set CB certification is not available.

8. Wireless (Radio) Devices

Most countries around the world will require a type approval to operate within their country. Hence, **suppliers** of any component or system having a wireless communications capability (radio) **must provide to Oracle a PDF copy of every type approval or certification or declaration of conformity (DOC) issued for that component.**

Typical wireless technologies include WiFi, Bluetooth, cellular (5G, etc.), GPS, wireless power transfer (WPT), RFID, and Qi wireless charging & data transfer. Components include QSFPs, SFPs, PCIe cards, RFID tags, Qi accessories, etc. Some countries require licenses even if the product is a passive wireless receiver and does not actively transmit any signals.

Appendix A: Example Data Sheet Format for a Power Supply Unit (PSU)

<VENDOR LETTERHEAD>

Datasheet

<VENDOR NAME>

Model **<XXXXXXXX>**

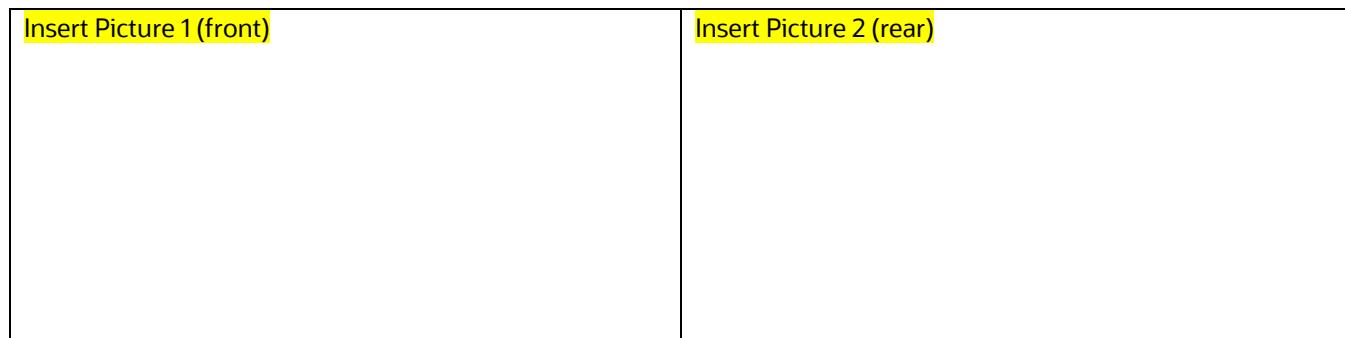
This datasheet is for the **<Vendor Name>** Model **<XXXXXXXX>** Power Supply Unit (PSU). This PSU is exclusively manufactured for **<Customer Name>** and model # (if different from vendor model) for use only in **<Customer Name>** products.

Electrical Characteristics

| Characteristic | Requirement |
|----------------------------------|---|
| Indicators | |
| Cooling | |
| Input | |
| Output | |
| Power Supply Class | <input type="checkbox"/> Class I <input type="checkbox"/> Class II <input type="checkbox"/> Class III |
| Efficiency | |
| Hold Up/Ride through | |
| Operating Temperature & Altitude | |

Physical Characteristics

| | |
|----------------------|--|
| Size/Dimensions (mm) | |
| Weight (kg) | |



Notes

- Replace everything with the yellow highlight field with the information indicated in that field. The completed data sheet will have no yellow highlights.
- Vendor Name: The actual brand name developer and manufacturer of the power supply.
- Customer Name: Normally “Oracle” for power supplies custom made for Oracle. However, some power supplies might be custom made for a 3rd party supplier system (a switch Oracle re-sells, etc.). In that case, the 3rd party brand name supplier would be the customer name.
- Power Supply Commodity Class: Insert an “X” in the appropriate bracketed box identifying the applicable class.
- No signatures are required for the data sheet.

Related Information

Reference Documents and Records

| DOCUMENT NUMBER | DOCUMENT TITLE |
|-----------------|--|
| PROC-10084 | Major Electronic Component Declaration of Conformity (DoC) Guide |
| PROC-10085 | Agency Standards Reference Guide |
| PROC-10103 | Product Compliance Traceability Requirements |
| 990-1237 | Restriction of Hazardous Substances (RoHS) Compliance and Declaration Policy |

Document History

| REV | DATE | DESCRIPTION OF CHANGE |
|-----|------------|--|
| 01 | 03/28/2017 | Initial Release |
| 02 | 05/24/2017 | Narrowed Korea power supplies for KC only if input rated 50-1000V. Narrowed India PSUs to those with closed frame enclosures for servers and storage. Noted that both Korea KC certificates needed for power supplies if EMC and Safety standards are not combined on one certificate. |
| 03 | 09/28/2017 | Moved details on power cords and power jumper cables to their own sections (section 7 and 8) and just provided a pointer comment from the table in section 6. In sections 4 and 6, split out power adapters from power supply units (PSUs). Added requirement for a US FCC declaration of conformity (DOC) if introduced to USA market after 1 October 2018. |
| 04 | 01/05/2018 | Split out Power Jumper Cord Set column from the Power Cord Set column since there are some cases in which the requirements are different. Added requirement for South Korea KC approval on PDUs. |
| 05 | 06/20/2018 | Added India BIS and Thailand NBTC safety requirement for secondary (rechargeable) batteries used in portable equipment. Updated requirements to allow more flexibility for power cord sets and jumper cord sets rated >16A. Need either an European (EU) or USA (NRTL) approval for plug, cable and connector in section 8 for power cord sets and jumper cord sets rated >16A. Added requirement for CB Reports (not just CB Certs) in section 6. Added a definition for power jumper cord set to section 4 (Scope). Removed the requirement to collect a China label permission certificate since China no longer issues it. |
| 06 | 01/25/2019 | Added a requirement to provide a data sheet or spec sheet for all commodities (not just the power supplies and power adapters). Added a declaration of conformity (DOC) requirement for Europe for communications cables, power cord sets and power jumper cord sets. Added description of engineering drawing along with filename format. Suppliers must ensure appropriate labeling is on the commodity itself and not rely on extra notifications on packaging or documentation. Removed requirement for CCC on PDUs as long as PDUs do not change voltage (no power supply functionality). |
| 07 | 05/20/2019 | Added requirement for BSMI for rechargeable batteries/cells used in portable products. Clarified that PSU requires KC approval if it is used in a computer or server. Combined two notes in section 6 and added a clarification that the Europe DOC is also used by other countries (like Saudi Arabia and UAE). Updated the RoHS material declaration file naming format. Clarified that a spec sheet or engineering drawing may be used in lieu of a data sheet. |

Commodity Compliance Specification

| | | |
|----|------------|---|
| 08 | 10/04/2019 | Added PDU ≤50A requires Japan PSE. Added Australia RCM for PDU. Added Malaysia SIRM for power adapter. |
| 09 | 06/09/2020 | Removed requirement for Eurasian Conformity (EAC) for power supply units. Clarified that EAC certification must address all applicable standards including EMC, safety and RoHS. Clarified that PDUs are exempt from EAC RoHS. Clarified in a note that countries outside of Europe also use the EU DOC. |
| 10 | 04/15/2021 | Updated the template format. Clarified in section 1 that some countries not listed in the tables may have their requirements met by the mandatory documents listed in the table. Clarified India BIS Certification (not Registration) required for power cables including those rated over 16A. Also clarified that PSUs are India highly specialized equipment exempt if 3 phase or rated over 16A. Added in section 7 requirements to power cord sets (and some jumper cord sets) for EAEU, GCC, Indonesia, Israel, Japan, South Africa, Thailand and USA/Canada. |
| 11 | 04/20/2021 | Fixed a spelling error in the title. |
| 12 | 06/28/2021 | Added Morocco CMIM DOC requirement. Added a note that UK and Morocco declarations may be combined into the EU declaration of conformity. Removed DOC requirements for EU and UK for batteries/cells for now. That requirement is coming later (likely 2023). |
| 13 | 09/14/2021 | Added the fan commodity. |
| 14 | 12/10/2021 | Added India TEC certificate requirement for optical fibre cables. |
| 15 | 01/14/2022 | Removed requirement for component fans to have a CB and EU safety certification. |
| 16 | 01/31/2022 | Updated confidentiality statement to Oracle Restricted. No content change. |
| 17 | 08/18/2022 | Added requirement for “all national differences” to the CB certificate and the certificate is issued by an accredited CBTL. Similarly, added requirement that the EU certificate is issued by an accredited lab. Added a reference to PROC-10103 Product Compliance Traceability Requirements. Added statement to Overview that this document does not address wireless requirements. |
| 18 | 02/28/2023 | Added India BIS for internal wiring (specifically power wiring). Added Cambodia license for power cord sets. Added USA & Canada for jumper power cord sets. Removed India TEC for communications cable column since TEC now exempts optical cables with connectors (patch cables). Clarified NRTL for PDUs only if PDU is used in North America. Removed India BIS requirement for connectors on power cord sets. |
| 19 | 04/25/2023 | Added UKCA DOC for power cord sets & power jumper cord sets. Noted that the same safety certification for EU is also for UK. Added South Africa LOA for PDUs. |
| 20 | 12/06/2023 | Added US/Canada requirements for >16A power cables in section 7. |
| 21 | 02/23/2024 | Added requirement to collect a picture of product (required in Saudi Arabia) and picture/drawing of compliance label and/or regulatory marks on product (often needed for Customs inquiries) for sections 5-7. Added requirement for batteries to have an EU DOC in section 5. |
| 22 | 08/23/2024 | Added section 8 for “Wireless (Radio) Devices”. |
| 23 | 07/28/2025 | Removed extra mention of engineer drawing in section 4. Updated section 6 to clarify that for Thailand the power cable requirement is either TISI or CB certificate and to add Switzerland requirements for plug. Clarified section 6 for Cambodia that requirement is for plugs & cables, not the cord sets. Added a Taiwan certification requirement for power plug. For US safety, added the option to use date-stamped UL Listing Card as evidence of compliance. Added South Africa SABS requirement for power cord set. Added TISI for power adapter. |

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Commodity Compliance Specification

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