

POWER DISTRIBUTION UNIT (PDU) MODELS AND SPECIFICATIONS

Updated April 2014

Basic PDUs



| Model | Nominal AC Voltage (50/60 Hz) | Max Input Current (at 230 V) | Meters/ Output Banks | Nominal Load Capacity ^(A) | Input Type | Input Cord Length | Outlets (Quantity & Type) | Rack Size ^(E) | |
|----------|-------------------------------------|------------------------------------|----------------------------|--|--|-------------------------|------------------------------|--------------------------|--|
| SINGL | SINGLE-PHASE HORIZONTAL BASIC PDUs | | | | | | | | |
| PDU12IEC | 230 V (100-240 V) | 16A | 0/1 | 3,7 kW | C20 inlet ^(B) | N/A ^(D) | 14 (12 C13 + 2 C19) 🐨 🗀 | 1U or 0U (44,45 cm) | |
| PDUNV | 230 V (100-240 V) | 16 A | 0/1 | 3,7 kW | C20 plug (with 6 options) ^(B,C) | 3 m | 14 (12 C13 + 2 C19) 🐨 🛅 | 1U or 0U (44,45 cm) | |
| PDUH20DV | 230 V (100-240 V) | 16 A | 0/1 | 3,7 kW | C20 inlet to L6-20P plug ^(B) | 3,7 m | 14 (12 C13 + 2 C19) 🐨 🖃 | 1U or 0U (44,45 cm) | |

Certifications vary by model. (A) Load capacity varies with voltage and applicable derating. (B) Connect the inlet to a user-supplied input cord with a region-specific plug. (C) Includes fixed input cord terminating in C20, plus adapters for C14, 5-15P, 5-20P, L5-20P and L6-20P. (D) User-supplied cord. (E) 1U and 2U represent horizontal rack installation. 0U represents vertical rack installation. Included brackets also support surface mounting. Select 1U models also support vertical installation with optional PDISIDFBKT accessory.

Complete, up-to-date specifications available at www.tripplite.com/all-pdu



Metered PDUs



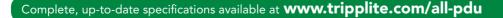
Reliable Power
Distribution



Current Monitoring

| Model | Nominal AC Voltage (50/60 Hz) | Max Input Current (at 230 V) ^(A) | Meters/ Output Banks | Nominal Load Capacity ^(B,C) | Input Type | Input Cord Length | Outlets (Quantity & Type) | Rack Size ^(F) |
|---------------|-------------------------------------|---|----------------------------|--|---|-------------------------|---------------------------|-----------------------------|
| SINGLE-P | HASE HORI | ZONTA | L ME | TERED | PDUs | | | |
| PDUMH20HV | 230 V (208/240 V) | 16 A | 1/1 | 3,7 kW (at 230 V) | C20 inlet to L6-20P plug ^(D) | 3,7 m | 10 (8 C13 + 2 C19) 🜚 🖺 | 1U |
| PDUMH32HV | 230 V | 32 A | 2/2 | 7,4 kW | IEC-309 Blue 32 A (2P+E)(E) | 3,7 m | 18 (16 C13 + 2 C19) 🐷 🖃 | 2U |
| SINGLE-P | HASE VERT | ICAL M | ETER | ED PD | Us | | | |
| PDUMV20HV | 230 V (208/240 V) | 16 A | 1/1 | 3,7 kW (at 230 V) | C20 inlet to L6-20P plug ⁽⁰⁾ | 3 m | 38 (32 C13 + 6 C19) 💬 🖺 | 0U (162 cm) |
| 3-PHASE | VERTICAL N | JETERE | D PD | Us (3¢ | Ν, 1Φ OUT) | | | |
| PDU3XMV6G20 | 400 V 3Ф In, 230 V Out | 16 A | 3/3 | 11 kW | IEC-309 Red 16 A (3P+N+E)(E) | 1,8 m | 45 (36 C13 + 9 C19) 🜚 🖺 | 0U (178 cm) |
| PDU3XMV6L2220 | 400 V 3Ф In, 230 V Out | 16 A | 3/3 | 11 kW | L22-20P (i) | 1,8 m | 45 (36 C13 + 9 C19) 💷 🗀 | 0U (178 cm) |

Certifications vary by model. (A) 3-phase input current is limited by plug type and/or agency derating. (B) Load capacity varies with voltage and applicable derating. (C) Balanced load (3-phase models). (D) Connect the inlet to a user-supplied input cord with a region-specific plug. (E) Splash-proof IEC 60309 plug with IP44 protection rating. (F) 1U and 2U represent horizontal rack installation. OU represents vertical rack installation. Included brackets also support surface mounting. Select 1U models also support vertical installation with optional PDUSIDEBRKT accessory.





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Monitored PDUs







| Model | Nominal AC Voltage (50/60 Hz) | Max Input Current (at 230 V) ^(A) | Meters/ Output Banks | Nominal Load Capacity ^(B,C) | Input Type | Input Cord Length | Outlets (Quantity & Type) | Rack Size ^(F) |
|------------------------|--|---|----------------------------|--|---|-------------------------|------------------------------|-----------------------------|
| SINGLE-F | PHASE HORIZ | ONTAL | 10M | NITORI | ED PDUs | | | |
| PDUMNH20HV | 230 V (208/240 V) | 16 A | 1/1 | 3,7 kW | C20 inlet to L6-20P plug ⁽⁰⁾ | 2,6 m | 8 (C13) @ | 1U |
| PDUMNH32HV | 230 V | 32 A | 1/2 | 7,4 kW | IEC-309 Blue 32 A (2P+E)(E) | 3,7 m | 16 (12 C13 + 4 C19) 🐨 🖃 | 2U |
| SINGLE-F | PHASE VERTION | CAL MO | NITC | RED F | PDUs | | | |
| PDUMNV20HV | 230 V (208/240 V) | 16 A | 1/1 | 3,7 W | C20 inlet to L6-20P plug ⁽⁰⁾ | 3 m | 24 (20 C13 + 4 C19) 📵 📳 | 0U (178 cm) |
| PDUMNV20HV2 | 230 V (208/240 V) | 16 A | 1/1 | 3,7 kW | C20 inlet to L6-20P plug ⁽⁰⁾ | 3 m | 20 (18 C13 + 2 C19) 🗐 🖺 | 0U (90 cm) |
| 3-PHASE | VERTICAL M | ONITOR | RED F | PDUs (| 3Φ IN, 1Φ OUT) | | | |
| PDU3XVN10G16 | 400 V 3Ф In, 230 V Out | 16 A | 1/3 | 11 kW | IEC-309 Red 16 A (3P+N+E)(E) | 3 m | 36 (30 C13 + 6 C19) 🗐 🖺 | 0U (178 cm) |
| PDU3XVN3G16 | 400 V 3Ф In, 230 V Out | 16 A | 1/3 | 11 kW | IEC-309 Red 16 A (3P+N+E)(E) | 0,9 m | 36 (30 C13 + 6 C19) | 0U (178 cm) |
| Certifications vary by | Certifications vary by model (A) 3-phase input current is limited by plun type and/or agency derating (B) Load capacity varies with voltage and applicable derating (C) Balanced load (3-phase models) | | | | | | | |

Certifications vary by model. (A) 3-phase input current is limited by plug type and/or agency derating. (B) Load capacity varies with voltage and applicable derating. (C) Balanced load (3-phase models). (D) Connect the inlet to a user-supplied input cord with a region-specific plug. (E) Splash-proof IEC 60309 plug with IP44 protection rating. (F) 1U and 2U represent horizontal rack installation. OU represents vertical rack installation. Included brackets also support surface mounting.

Switched PDUs



Reliable Power Distribution



Current Monitoring



Network Interface



| Model | Nominal AC Voltage (50/60 Hz) | Max Input Current (at 230 V) ^(A) | Meters/ Output Banks | Nominal Load Capacity ^(B,C) | Input Type | Input Cord Length | Outlets (Quantity & Type) | Rack Size ^(F) |
|---------------|-------------------------------------|---|----------------------------|--|---|-------------------------|---------------------------|-----------------------------|
| SINGLE-PI | HASE HORIZO | ONTAL | SWI | TCHEE | PDUs | | | |
| PDUMH15HVNET | 230 V (208/240 V) | 10 A | 1/1 | 2,3 kW | C14 inlet ^(D) | 2 m | 8 (C13) 📵 | 1U |
| PDUMH20HVNET | 230 V (208/240 V) | 16 A | 1/1 | 3,7 kW | C20 inlet to L6-20P plug ⁽⁰⁾ | 2,6 m | 8 (C13) 🗐 | 1U |
| PDUMH32HVNET | 230 V | 32 A | 1/2 | 7,4 kW | IEC-309 Blue 32 A (2P+E)(E) | 3,6 m | 16 (C13) 👓 | 2U |
| SINGLE-PI | HASE VERTIC | AL SW | ITCH | IED PC | Us | | | |
| PDUMV20HVNET | 230 V (208/240 V) | 16 A | 1/1 | 3,7 kW | C20 inlet to L6-20P plug ⁽⁰⁾ | 3 m | 24 (20 C13 + 4 C19) 🖫 🖺 | 0U (99 cm) |
| PDUMV20HVNET2 | 230 V (208/240 V) | 16 A | 1/1 | 3,7 kW | C20 inlet to L6-20P plug ⁽⁰⁾ | 3 m | 8 (7 C13 + 1 C19) 🗐 🗂 | 0U (99 cm) |
| PDUMV32HVNET | 230 V | 32 A | 1/2 | 7,4 kW | IEC-309 Blue 32 A (2P+E)(E) | 3 m | 24 (20 C13 + 4 C19) 📵 💼 | 0U (99 cm) |
| 3-PHASE \ | /ERTICAL SW | ITCHE | D PC |)Us (30 | N, 1Φ OUT) | | | |
| PDU3XVSR10G16 | 400 V 3Ф In, 230 V Out | 16 A | 1/3 ^(G) | 11 kW | IEC-309 Red 16 A (3P+N+E)(E) | 3 m | 24 (21 C13 + 3 C19) 🜚 🗂 | 0U (178 cm) |
| PDU3XVSR3G16 | 400 V 3Ф In, 230 V Out | 16 A | 1/3 ^(G) | 11 kW | IEC-309 Red 16 A (3P+N+E)(E) | 0,9 m | 24 (21 C13 + 3 C19) 🜚 🗀 | 0U (178 cm) |
| PDU3XVSR6G32A | 380/400 V 3Ф In, 220/230 V Out | 32 A | 1/6 ^(G) | 22,1 kW | IEC-309 Red 32 A (3P+N+E)(E) 😯 | 1,8 m | 24 (12 C13 + 12 C19) 🜚 📼 | 0U (178 cm) |
| PDU3XVSR6G32B | 400 V 3Ф In, 230 V Out | 32 A | 1/6 ^(G) | 22,1 kW | IEC-309 Red 32 A (3P+N+E)(E) | 1,8 m | 30 (24 C13 + 6 C19) 🜚 ⊏ | 0U (178 cm) |
| PDU3XVSR6G63A | 380/400 V 3Ф In, 220/230 V Out | 40 A | 1/6 ^(G) | 27,6 kW | IEC-309 Red 63 A (3P+N+E)(E) | 1,8 m | 24 (12 C13 + 12 C19) 🜚 📟 | 0U (178 cm) |
| PDU3XVSR6G63B | 400 V 3Ф In, 230 V Out | 40 A | 1/6 ^(G) | 27,6 kW | IEC-309 Red 63 A (3P+N+E)(E) | 1,8 m | 30 (24 C13 + 6 C19) 🜚 🖫 | 0U (178 cm) |
| PDU3XVSRHWA | 400 V 3Ф In, 230 V Out | 40 A | 1/6 ^(G) | 27,6 kW | Hardwire 40 A (3P+N+E)(E) | N/A | 24 (12 C13 + 12 C19) 🜚 🖭 | 0U (178 cm) |
| PDU3XVSRHWB | 400 V 3Ф In, 230 V Out | 40 A | 1/6 ^(G) | 27,6 kW | Hardwire 40 A (3P+N+E) ^(E) | N/A | 30 (24 C13 + 6 C19) 🜚 🖷 | 0U (178 cm) |

Certifications vary by model. (A) 3-phase input current is limited by plug type and/or agency derating. (B) Load capacity varies with voltage and applicable derating. (C) Balanced load (3-phase models). (D) Connect the inlet to a user-supplied input cord with a region-specific plug. (E) Splash-proof IEC 60309 plug with IP44 protection rating. (F) 1U and 2U represent horizontal installation. 0U represents vertical installation. Included brackets also support surface mounting. (G) Model provides outlet-level metering.











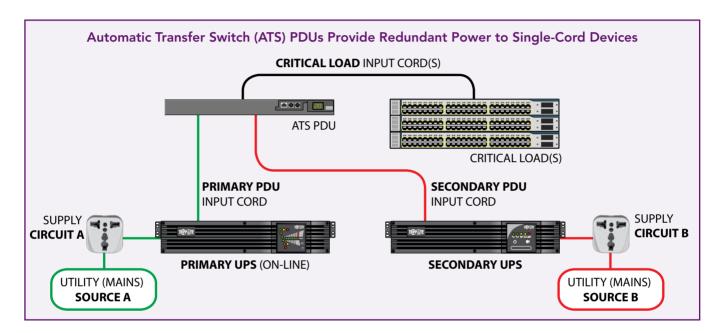
Network Interface (Switched Models)



Individual Outlet Control (Switched Models)

| Model | Nominal AC Voltage (50/60 Hz) | Max Input Current (at 230 V) | Meters/ Output Banks | Load Capacity ^(A) | Input Type | Input Cord Length | Outlets (Quantity & Type) | Rack Size ^(D) | |
|----------------|---|---------------------------------------|----------------------------|---------------------------------|----------------------|--------------------------|-----------------------------------|-----------------------------|--|
| SINGLE-PHA | ASE HORIZO | ONTAL | MET | ERED | ATS PDUs | | | | |
| PDUMH20HVAT | 230 V (208/240 V) | 16 A | 1/1 | 3,7 kW | 2 x C20 (C20 inlets) | 2 x 3,6 m ^(B) | 10 (8 C13 + 2 C19) 💷 🖃 | 1U | |
| SINGLE-PHA | SINGLE-PHASE HORIZONTAL SWITCHED ATS PDUs | | | | | | | | |
| PDUMH20HVATNET | 230 V (208/240 V) | 16 A | 1/1 | 3,7 kW | 2 x C20 (C20 inlets) | 2 x 3,7 m ^(B) | 10 (8 C13 + 2 C19) ^(C) | 1U | |

Certifications vary by model. (A) Load capacity varies with voltage and applicable derating. (B) Both input cords are detachable. (C) The C19 outlets do not support individual outlet control. (D) 1U and 2U represent horizontal rack installation. Included brackets also support surface mounting.



Complete, up-to-date specifications available at www.tripplite.com/all-pdu







| Model | Nominal AC Voltage (50/60 Hz) E-PHASE HG | Max Input Current (at 230 V) | , , | Recommended UPS Size | Input Type | Input Cord Length (UPS/Utility) | Equipment Outlets ^(C) (Quantity & Type) | UPS Connection Outlet Type ^(C) | Rack Size |
|----------|---|---------------------------------------|--------|-------------------------|------------------------------|---------------------------------------|---|--|--------------|
| PDUBHV10 | 230 V (208/240 V) | 10 A | 2,3 kW | Up to 1,5 kVA | | 1,8 m/1,8 m | 8 (C13) 🐨 | C13 👊 | 2U |
| PDUBHV20 | 230V (208/240 V) | 16 A | 3,7 kW | 2,0 to 3,0 kVA | 2 x C20 inlet ^(B) | 1,8 m/1,5 m | 8 (6 C13 + 2 C19) 🗐 😑 | C19 🖫 | 2U |

Certifications vary by model. (A) Load capacity varies with voltage. (B) Connect the inlets to the included input cords or user-supplied input cords with region-specific plugs. (C) In addition to the equipment outlets, the PDU includes a single UPS connection outlet. The UPS system's input plug must be compatible with the PDU's UPS connection outlet.



Power Cords

| Model | Input-Side Connector | Output-Side Connector | Length | Rated Current/Voltage | Wire Gauge |
|----------------------------|---------------------------|--------------------------|--------|--------------------------|---------------------|
| CORDS | WITH IEC | OR EU | ROP | EAN INPU | Т |
| P004-002-13LA | C14 😶 | C13 (90° L) | 0,6 m | 10 A / 100-250 V | 0,8 mm ² |
| P004-002-13RA | C14 😶 | C13 (90° R) | 0,6 m | 10 A / 100-250 V | 0,8 mm ² |
| P004-002-5 ^(A) | C14 😳 | C13 👊 | 0,6 m | 10 A / 100-250 V | 0,8 mm ² |
| P004-004 | C14 😶 | C13 💬 | 1,2 m | 10 A / 100-250 V | 0,8 mm ² |
| P004-004-BL ^(B) | C14 😳 | C13 💷 | 1,2 m | 10 A / 100-250 V | 0,8 mm ² |
| P004-004-GN ^(B) | C14 😶 | C13 💷 | 1,2 m | 10 A / 100-250 V | 0,8 mm ² |
| P004-004-RD ^(B) | C14 😶 | C13 🚥 | 1,2 m | 10 A / 100-250 V | 0,8 mm ² |
| P004-004-\\ | C14 😶 | C13 💷 | 1,2 m | 10 A / 100-250 V | 0,8 mm ² |
| P004-006 | C14 😶 | C13 💷 | 1,8 m | 10 A / 100-250 V | 0,8 mm ² |
| P004-010 | C14 😶 | C13 🚥 | 3 m | 10 A / 100-250 V | 0,8 mm ² |
| P005-002 | C14 😶 | C13 💷 | 0,6 m | 15 A / 100-250 V | 2,1 mm ² |
| P005-006 | C14 😶 | C13 💷 | 1,8 m | 15 A / 100-250 V | 2,1 mm ² |
| P005-006-BL ^(B) | C14 🐨 | C13 💷 | 1,8 m | 15 A / 100-250 V | 2,1 mm ² |
| P005-006-GN ^(B) | C14 😶 | C13 👓 | 1,8 m | 15 A / 100-250 V | 2,1 mm ² |
| P005-006-RD ^(B) | C14 😶 | C13 💷 | 1,8 m | 15 A / 100-250 V | 2,1 mm ² |
| P005-006-\\ | C14 😶 | C13 💷 | 1,8 m | 15 A / 100-250 V | 2,1 mm ² |
| P005-010 | C14 😶 | C13 💷 | 3 m | 15 A / 100-250 V | 2,1 mm ² |
| P005-18N | C14 😶 | C13 💷 | 0,5 m | 15 A / 100-250 V | 2,1 mm ² |
| P047-002 | C14 😳 | C19 🖫 | 0,6 m | 15 A / 100-250 V | 2,1 mm ² |
| P047-004 | C14 😶 | C19 🖫 | 1,2 m | 15 A / 100-250 V | 2,1 mm ² |
| P047-006 | C14 👓 | C19 🖫 | 1,8 m | 15 A / 100-250 V | 2,1 mm ² |
| P047-010 | C14 😶 | C19 🖫 | 3 m | 15 A / 100-250 V | 2,1 mm ² |
| P036-002 | C20 == | C19 🖫 | 0,6 m | 20 A / 100-250 V | 3,3 mm ² |
| P036-002-19LA | C20 == | C19 📳 (90° L) | 0,6 m | 20 A / 100-250 V | 3,3 mm ² |
| P036-002-19RA | C20 == | C19 🖫 (90° R) | 0,6 m | 20 A / 100-250 V | 3,3 mm ² |
| P036-002-20LA | C20 (90° L) | C19 🖫 | 0,6 m | 20 A / 100-250 V | 3,3 mm ² |
| P036-002-20RA | C20 (90° R) | C19 🖫 | 0,6 m | 20 A / 100-250 V | 3,3 mm ² |
| P036-006 | C20 == | C19 🖫 | 1,8 m | 20 A / 100-250 V | 3,3 mm ² |
| P032-007 | C20 == | C13 💷 | 2,1 m | 15 A / 100-250 V | 3,3 mm ² |
| P056-006 | BS1363 (| C13 💷 | 1,8 m | 5 A / 200-250 V | 1,0 mm ² |
| P052-008 | BS1363 (| C19 🖫 | 2,4 m | 13 A / 200-250 V | 1,5 mm ² |
| P054-006 | CEE 7/7 (P) | C13 💷 | 1,8 m | 10 A / 200-250 V | 1,0 mm ² |
| P050-008 | CEE 7/7 🚱 | C19 🖫 | 2,4 m | 16 A / 200-250 V | 1,5 mm² |
| P070-010 | IEC-309 Blue (2P+E) •• | C19 🖫 | 3 m | 16 A / 200-250 V | 1,5 mm ² |
| UNIPLUGINT | C14 😶 | Wonpro ^(C) | N/A | 10 A / 100-250 V | N/A |

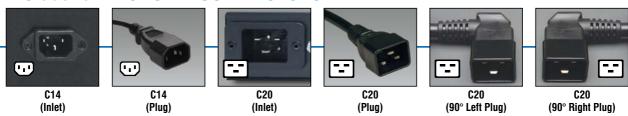
| IEC PI | IEC PLUG-LOCK INSERTS | | | | | | |
|---------|--|--|--|--|--|--|--|
| PLC13BK | 100-pack of black inserts to secure C13/C14 connections. | | | | | | |
| PLC13BL | 100-pack of blue inserts to secure C13/C14 connections. | | | | | | |
| PLC13RD | 100-pack of red inserts to secure C13/C14 connections. | | | | | | |
| PLC19BK | 100-pack of black inserts to secure C19/C20 connections. | | | | | | |
| PLC19BL | 100-pack of blue inserts to secure C19/C20 connections. | | | | | | |
| PLC19RD | 100-pack of red inserts to secure C19/C20 connections. | | | | | | |

Certifications vary by model. **(A)** 5-pack. **(B)** The cord has color-coded connectors (BL=Blue, GN=Green, RD=Red, YW=Yellow). **(C)** The Wonpro universal outlet is compatible with most household AC plugs worldwide.

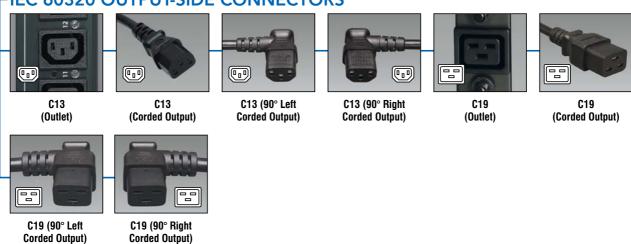


Plug and Outlet Guide

-IEC 60320 INPUT-SIDE CONNECTORS



IEC 60320 OUTPUT-SIDE CONNECTORS



IEC 60309 INPUT-SIDE CONNECTORS



OTHER CONNECTORS

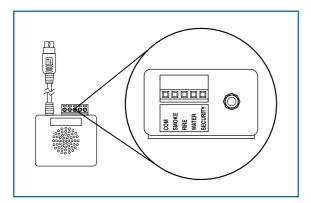




PDU Accessories

| Model | Description |
|-----------------|---|
| REMOTE MA | ANAGEMENT ACCESSORIES |
| ENVIROSENSE | Remote environmental sensor for Monitored and Switched PDUs. 3,7 m connection cord allows flexible placement inside or outside racks. Measures ambient temperature and humidity. Can monitor and control alarm, security and telecom devices through contact closure communications. Can monitor up to three additional sensors. Can monitor optional SRSWITCH magnetic entry detection switch kit. |
| POWERALERT | PowerAlert software allows IT managers to monitor and control hundreds of Monitored and Switched PDUs over the network through a single interface. Included on CD-ROM with select models and freely downloadable from www.tripplite.com/poweralert. |
| SRSWITCH | Kit includes two magnetic entry detection switches for rack doors or other access points. Requires ENVIROSENSE. |
| MOUNTING | ACCESSORIES |
| P350-10N-10 | 10-pack of reusable black cable ties with hook-and-loop (Velcro®) fasteners. 254 x 16 mm |
| PDUMVROTATEBRKT | Enables vertical PDU placement with outlets facing the rear in button-mount equipped racks for improved airflow and equipment cabling access. Included with most vertical PDU models. |
| PDUSIDEBRKT | Enables vertical installation of select 1U PDUs, power strips and surge suppressors. The included mounting brackets support toolless installation in the keyhole mounting slots of most Tripp Lite rack enclosures and open frame racks. The brackets can also connect to mounting rails with the included mounting hardware. |

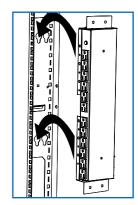
Looking for power cords? See page 4 or visit www.tripplite.com.



ENVIROSENSE with Contact Closure Interface



PowerAlert Software (PDU Status Overview)



PDUSIDEBRKT with 1U PDU

Go to www.tripplite.com for Tripp Lite's complete line of data center solutions, including PDUs, UPS systems, rack enclosures, close-coupled cooling, cables, KVM switches, console servers, surge suppressors and custom products.

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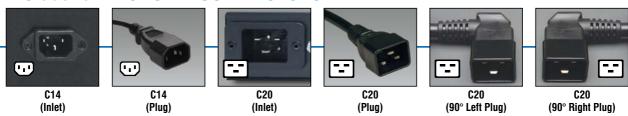
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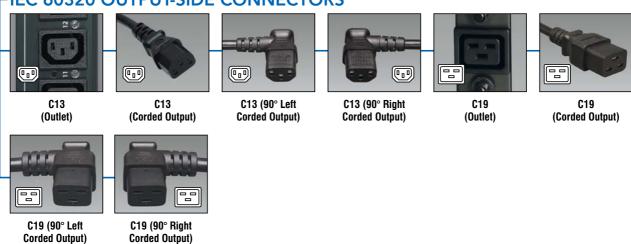
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Plug and Outlet Guide

-IEC 60320 INPUT-SIDE CONNECTORS



IEC 60320 OUTPUT-SIDE CONNECTORS



IEC 60309 INPUT-SIDE CONNECTORS



OTHER CONNECTORS



