

Owner's Manual

3-Phase Monitored & Switched OU Power Distribution Units

(Phase, Bank, Outlet Measurements*)

208V MONITORED MODELS	SERIES NO.	200 – 240V SWITCHED MODELS	SERIES NO.
PDU3EVN3L2130	AG-00B9	PDU3EVS6H50	AG-00BA
PDU3EVN10L2130	AG-00B9	PDU3EVS6H50	AG-00BA
PDU3EVN3L2120	AG-00B8	PDU3EVS6L1530	AG-00BA
PDU3EVN6L2120	AG-00B8	PDU3EVS6L1530	AG-00BA
PDU3EVN10L2120	AG-00B8	PDU3EVS6L2130	AG-00BA
PDU3EVN6L2130	AG-00B9	PDU3EVS6G60	AG-00BA
		PDU3EVS6L2130	AG-00BA
208V SWITCHED MODELS	SERIES NO.		
PDU3EVS6G60A	AG-00G3		
PDU3EVS6H50A	AG-00G5		
200 – 240V MONITORED MODELS	SERIES NO.		
PDU3EVN6G30B	AG-00BA		
PDU3EVN10G30B	AG-00BA		
PDU3EVN3G60B	AG-00BA		
PDU3EVN6G60B	AG-00BA		
PDU3EVN10G60B	AG-00BA		
PDU3EVN3H50B	AG-00BA		
PDU3EVN6H50B	AG-00BA		
PDU3EVN6H50BA	AG-00BA		
PDU3EVN10H50B	AG-00BA		
PDU3EVN3L1520	AG-00BA		
PDU3EVN6L1520	AG-00BA		
PDU3EVN10L1520	AG-00BA		
PDU3EVN3L1530B	AG-00BA		
PDU3EVN6L1530B	AG-00BA		
PDU3EVN10L1530B	AG-00BA		
PDU3EVN3L2130B	AG-00BA		
PDU3EVN6L2130B	AG-00BA		
PDU3EVN10L2130B	AG-00BA		
PDU3EVN2	AG-00BA		
PDU3EVN6G60C	AG-00BB		
		380 – 415V MONITORED MODELS	SERIES NO.
		PDU3XEVN6G20	AG-00BD
		380 – 415V SWITCHED MODELS	SERIES NO.
		PDU3XEVS6G20	AG-00BD
		PDU3XEVS6G30A	AG-0096
		PDU3XEVS6G30B	AG-0096
		PDU3XEVS6G32A	AG-0080
		PDU3XEVS6G32B	AG-0080
		PDU3XEVS6G60A	AG-0093
		PDU3XEVS6G60B	AG-0093
		PDU3XEVS6G63A	AG-0094
		PDU3XEVS6G63B	AG-0094
		PDU3XEVS6L230B	AG-0056
		PDU3XEVS6L2230	AG-0056
		PDU3XEVS6HWA	AG-0057
		PDU3XEVS6HWB	AG-0057

*Varies by product.

Español 19 • Français 37 • Русский 55

WARRANTY REGISTRATION

Register your product today and be automatically entered to win an ISOBAR surge protector in our monthly drawing!

tripplite.com/warranty



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Important Safety Instructions



SAVE THESE INSTRUCTIONS

This manual contains instructions and warnings that should be followed during the installation, operation, and storage of this product. Failure to heed these instructions and warnings may affect the product warranty.

- The PDU provides the convenience of multiple outlets, but DOES NOT provide surge or line noise protection for connected equipment.
- The PDU is designed for indoor use only, in a controlled environment, away from excess moisture, temperature extremes, conductive contaminants, dust or direct sunlight.
- Keep indoor ambient temperature between 32°F and 122°F (0°C and 50°C).
- The PDU must be installed by a qualified technician only.
- Do not attempt to mount the PDU to an insecure or unstable surface.
- Install in accordance with National Electrical Code standards. Be sure to use the proper overcurrent protection for the installation, in accordance with the plug/equipment rating.
- Connect the PDU to an outlet that is in accordance with your local building codes and that is adequately protected against excess currents, short circuits and earth faults.
- The electrical outlets supplying power to the equipment should be installed near the equipment and easily accessible.
- Do not connect the PDU to an ungrounded outlet or to extension cords or adapters that eliminate the connection to ground.
- Be sure to provide a local disconnect device on any models that are permanently installed without a plug that is easily accessible.
- Never attempt to install electrical equipment during a thunderstorm.
- Individual equipment connected to the PDU should not draw more current than the individual PDU's outlet's rating.
- The total load connected to the PDU must not exceed the maximum load rating for the PDU.
- Do not attempt to modify the PDU, input plugs or power cables.
- Do not drill into or attempt to open any part of the PDU housing. There are no user-serviceable parts inside.
- Do not attempt to use the PDU if any part of it becomes damaged.
- Use of this equipment in life support applications where failure of this equipment can reasonably be expected to cause the failure of the life support equipment or to significantly affect its safety or effectiveness is not recommended.

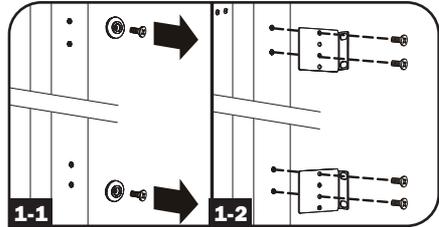
Installation

Mounting the PDU

Note: The illustrations may differ somewhat from your PDU model. Regardless of configuration, the user must determine the fitness of hardware and procedures before mounting. The PDU and included hardware are designed for common rack and rack enclosure types and may not be appropriate for all applications. Exact mounting configurations may vary. Screws for attaching the mounting brackets to the PDU are included. Use only the screws supplied by the manufacturer or their exact equivalent.

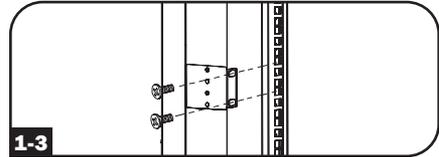
Note: Mounting buttons come preinstalled to the PDU for toolless mounting.

1-1 To attach the mounting brackets to the PDU, remove the mounting buttons.

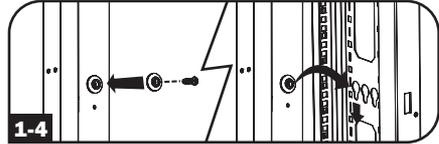


1-2 Attach the mounting brackets to the PDU with the included screws.

1-3 Attach the PDU to a vertical rail in your rack or rack enclosure. (Use the mounting hardware that came with your rack or rack enclosure to attach the mounting brackets to the rail.)

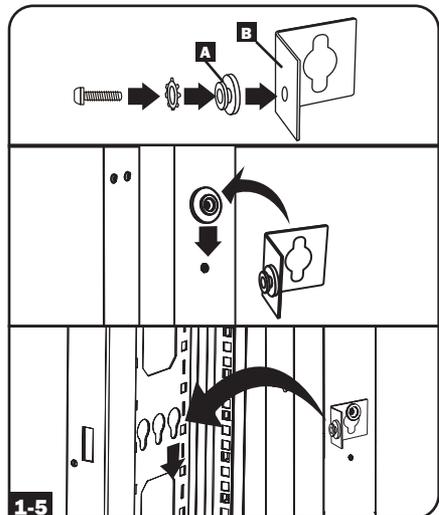


1-4 To reinstall the mounting buttons for toolless mounting, remove the mounting brackets then install the mounting buttons onto the PDU. Position the PDU as desired in the rack enclosure, align the buttons with the rack mounting slots, and slide the PDU into position.



Note: Be sure to insert the 2 buttons into either the upper hole at **each end** of the PDU or into the lower hole at **each end** of the PDU.

1-5 To install the PDU with its outlets facing the rear of the rack, use the included PDUMVROTATEBRKT accessory. First, attach the mounting button **A** to the V-shaped bracket **B** using the included screw and washer. Then, use the button-mount slot to attach the bracket to the PDU and the mounting button to attach the PDU to the rack. The bracket effectively repositions the mounting brackets allowing for the PDU outlets to face the rear of the rack.



Installation

Connecting the PDU

2-1 Each model is equipped with 1 of 8 different input plugs.



L15-20P



L15-30P



L21-20P



L21-30P



L22-30P



Hubbell CS8365C



IEC 309
30A Blue
(3P + E)



IEC 309
60A Blue
(3P + E)



IEC 309
32A Red
(3P + N + E)



IEC 309
63A Red
(3P + N + E)



IEC 309
60A Blue
(3P + N + E)

208V Monitored Models	Input Plug	Max Input Amps (Limited by Input Cord and Plug)	Input Voltage Range	Output Voltage Range	Breakers	Cord Length	Outlets
PDU3EVN3L2130	L21-30P	24A	208V	208V	3 x Double Pole, 20A Branch-Rated	3 ft. (0.9 m)	36 x C13; 6 x C19; 3 x 5-15/20R
PDU3EVN10L2130	L21-30P	24A	208V	208V	3 x Double Pole, 20A Branch-Rated	10 ft. (3 m)	36 x C13; 6 x C19; 3 x 5-15/20R
PDU3EVN3L2120	L21-20P	16A	208V	208V	N/A	3 ft. (0.9 m)	42 X C13; 6 X C19
PDU3EVN6L2120	L21-20P	16A	208V	208V	N/A	6 ft. (1.8 m)	42 X C13; 6 X C19
PDU3EVN10L2120	L21-20P	16A	208V	208V	N/A	10 ft. (3 m)	42 X C13; 6 X C19
PDU3EVN6L2130	L21-30P	24A	208V	208V	3 x Double Pole, 20A Branch-Rated	6 ft. (1.8 m)	36 x C13; 6 x C19; 3 x 5-15/20R
208V Switched Models	Input Plug	Max Input Amps (Limited by Input Cord and Plug)	Input Voltage Range	Output Voltage Range	Breakers	Cord Length	Outlets
PDU3EVS6G60A	IEC 309 60A Blue (3P + E); IP44	45A	208V	208V	6 x Low-Profile with Safety Lock, Double Pole, Magnetic, Branch-Rated	6 ft. (1.8 m)	6 x C13; 12 x C19
PDU3EVS6G60A	IEC 309 60A Blue (3P + N + E), IP67 N Not Used	45A	208V	208V	6 x Low-Profile with Safety Lock, Double Pole, Magnetic, Branch-Rated	6 ft. (1.8 m)	6 x C13; 12 x C19
PDU3EVS6H50A	Hubbell CS8365C	40A	208V	208V	6 x Low-Profile with Safety Lock, Double Pole, Magnetic, Branch-Rated	6 ft. (1.8 m)	6 x C13; 12 x C19

Installation

200 – 240V Monitored Models	Input Plug	Max Input Amps (Limited by Input Cord and Plug)	Input Voltage Range	Output Voltage Range	Breakers	Cord Length	Outlets
PDU3EVN6G30B	IEC 309 30A Blue (3P + E); IP44	24A	200-240V	200-240V	3 x Double Pole, 20A Branch-Rated	6 ft. (1.8 m)	42 x C13; 6 x C19
PDU3EVN10G30B	IEC 309 30A Blue (3P + E); IP44	24A	200-240V	200-240V	3 x Double Pole, 20A Branch-Rated	10 ft. (3 m)	42 x C13; 6 x C19
PDU3EVN3G60B	IEC 309 60A Blue (3P + E); IP44	35A	200-240V	200-240V	3 x Double Pole, 20A Branch-Rated	3 ft. (0.9 m)	42 x C13; 6 x C19
PDU3EVN6G60B	IEC 309 60A Blue (3P + E); IP44	35A	200-240V	200-240V	3 x Double Pole, 20A Branch-Rated	6 ft. (1.8 m)	42 x C13; 6 x C19
PDU3EVN10G60B	IEC 309 60A Blue (3P + E); IP44	35A	200-240V	200-240V	3 x Double Pole, 20A Branch-Rated	10 ft. (3 m)	42 x C13; 6 x C19
PDU3EVN3H50B	Hubbell CS8365C	35A	200-240V	200-240V	3 x Double Pole, 20A Branch-Rated	3 ft. (0.9 m)	42 x C13; 6 x C19
PDU3EVN6H50B	Hubbell CS8365C	35A	200-240V	200-240V	3 x Double Pole, 20A Branch-Rated	6 ft. (1.8 m)	42 x C13; 6 x C19
PDU3EVN6H50BA	Hubbell CS8365C	35A	200-240V	200-240V	3 x Double Pole, 20A Branch-Rated	6 ft. (1.8 m)	30 x C13; 12 x C19
PDU3EVN10H50B	Hubbell CS8365C	35A	200-240V	200-240V	3 x Double Pole, 20A Branch-Rated	10 ft. (3 m)	42 x C13; 6 x C19
PDU3EVN3L1520	L15-20	16A	200-240V	200-240V	—	3 ft. (0.9 m)	42 x C13; 6 x C19
PDU3EVN6L1520	L15-20	16A	200-240V	200-240V	—	6 ft. (1.8 m)	42 x C13; 6 x C19
PDU3EVN10L1520	L15-20	16A	200-240V	200-240V	—	10 ft. (3 m)	42 x C13; 6 x C19
PDU3EVN3L1530B	L15-30P	24A	200-240V	200-240V	3 x Double Pole, 20A Branch-Rated	3 ft. (0.9 m)	42 x C13; 6 x C19
PDU3EVN6L1530B	L15-30P	24A	200-240V	200-240V	3 x Double Pole, 20A Branch-Rated	6 ft. (1.8 m)	42 x C13; 6 x C19
PDU3EVN10L1530B	L15-30P	24A	200-240V	200-240V	3 x Double Pole, 20A Branch-Rated	10 ft. (3 m)	42 x C13; 6 x C19
PDU3EVN3L2130B	L21-30P	24A	200-240V	200-240V	3 x Double Pole, 20A Branch-Rated	3 ft. (0.9 m)	42 x C13; 6 x C19
PDU3EVN6L2130B	L21-30P	24A	200-240V	200-240V	3 x Double Pole, 20A Branch-Rated	6 ft. (1.8 m)	42 x C13; 6 x C19
PDU3EVN10L2130B	L21-30P	24A	200-240V	200-240V	3 x Double Pole, 20A Branch-Rated	10 ft. (3 m)	42 x C13; 6 x C19
PDU3EVN2	Hardwire	35A	200-240V	200-240V	3 x Double Pole, 20A Branch-Rated	N/A	42 x C13; 6 x C19
PDU3EVN6G60C	IEC 309 60A Blue (3P + E); IP44	45A	200-240V	200-240V	6 x Low-Profile with Safety Lock, Double Pole, Magnetic, Branch-Rated	6 ft. (1.8 m)	36 x C13

Installation

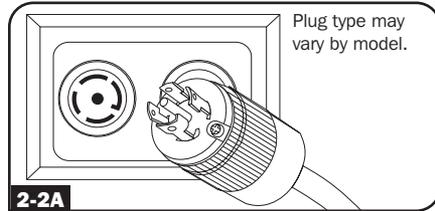
200 – 240V Switched Models	Input Plug	Max Input Amps (Limited by Input Cord and Plug)	Input Voltage Range	Output Voltage Range	Breakers	Cord Length	Outlets
PDU3EVS6H50	Hubbell CS8365C	35A	200-240V	200-240V	3 x Double Pole, 20A Branch-Rated	6 ft. (1.8 m)	24 x C13; 6 x C19
PDU3EVS6H50	Hubbell CS8365C	35A	200-240V	200-240V	3 x Double Pole, 20A Branch-Rated	10 ft. (3 m)	24 x C13; 6 x C19
PDU3EVS6L1530	L15-30P	24A	200-240V	200-240V	3 x Double Pole, 20A Branch-Rated	6 ft. (1.8 m)	24 x C13; 6 x C19
PDU3EVS6L1530	L15-30P	24A	200-240V	200-240V	3 x Double Pole, 20A Branch-Rated	10 ft. (3 m)	24 x C13; 6 x C19
PDU3EVS6L2130	L21-30P	24A	200-240V	200-240V	3 x Double Pole, 20A Branch-Rated	6 ft. (1.8 m)	24 x C13; 6 x C19
PDU3EVS6L2130	L21-30P	24A	200-240V	200-240V	3 x Double Pole, 20A Branch-Rated	10 ft. (3 m)	24 x C13; 6 x C19
PDU3EVS6G60	IEC 309 60A Blue (3P + E), IP44	35A	200-240V	200-240V	3 x Double Pole, 20A Branch-Rated	10 ft. (3 m)	24 x C13; 6 x C19
PDU3EVS6G60	IEC 309 60A Blue (3P + N + E), IP67 N Not Used	35A	200-240V	200-240V	3 x Double Pole, 20A Branch-Rated	10 ft. (3 m)	24 x C13; 6 x C19
PDU3EVS6H50	Hubbell CS8365C	35A	200-240V	200-240V	3 x Low Profile with Safety Lock, Double Pole, Magnetic, Branch-Rated	6 ft. (1.8 m)	24 x C13; 6 x C19
PDU3EVS6L2130	L21-30P	24A	200-240V	200-240V	3 x Low Profile with Safety Lock, Double Pole, Magnetic, Branch-Rated	6 ft. (1.8 m)	24 x C13; 6 x C19
PDU3EVS6L2120	L21-20P	16A	200-240V	200-240V	—	6 ft. (1.8 m)	24 x C13; 6 x C19
PDU3EVS6L2120	L21-20P	16A	200-240V	200-240V	—	6 ft. (1.8 m)	24 x C13; 6 x C19
PDU3EVS6L1520	L15-20P	16A	200-240V	200-240V	—	6 ft. (1.8 m)	24 x C13; 6 x C19
380 – 415V Monitored Models	Input Plug	Max Input Amps (Limited by Input Cord and Plug)	Input Voltage Range	Output Voltage Range	Breakers	Cord Length	Outlets
PDU3XEVN6G20	IEC 309 20A Red (3P + N + E); IP44	16A	380-415V	380-415V	—	6 ft. (1.8 m)	42 x C13; 6 x C19

Installation

380 – 415V Switched Models	Input Plug	Max Input Amps (Limited by Input Cord and Plug)	Input Voltage Range	Output Voltage Range	Breakers	Cord Length	Outlets
PDU3XEVS6G20	IEC 309 20A Red (3P + N + E); IP44	16A	380-415V	380-415V	—	6 ft. (1.8 m)	24 x C13; 6 x C19
PDU3XEVS6G30A	IEC 309 32A Red (3P + N + E); IP44	24A	380-415V	380-415V	6 x Low-Profile with Safety Lock, Single Pole, Magnetic, Branch-Rated	6 ft. (1.8 m)	12 x C13; 12 x C19
PDU3XEVS6G30B	IEC 309 32A Red (3P + N + E); IP44	24A	380-415V	380-415V	6 x Double Pole, 20A Branch-Rated	6 ft. (1.8 m)	24 x C13; 6 x C19
PDU3XEVS6G32A	IEC 309 32A Red (3P + N + E); IP44	32A	380-415V	380-415V	6 x Low-Profile with Safety Lock, Single Pole, Magnetic, Branch-Rated	6 ft. (1.8 m)	12 x C13; 12 x C19
PDU3XEVS6G32B	IEC 309 32A Red (3P + N + E); IP44	32A	380-415V	380-415V	6 x Double Pole, 20A Branch-Rated	6 ft. (1.8 m)	24 x C13; 6 x C19
PDU3XEVS6G60A	IEC 309 63A Red (3P + N + E); IP44	35A	380-415V	380-415V	6 x Low-Profile with Safety Lock, Single Pole, Magnetic, Branch-Rated	6 ft. (1.8 m)	12 x C13; 12 x C19
PDU3XEVS6G60B	IEC 309 63A Red (3P + N + E); IP44	35A	380-415V	380-415V	6 x Double Pole, 20A Branch-Rated	6 ft. (1.8 m)	24 x C13; 6 x C19
PDU3XEVS6G63A	IEC 309 63A Red (3P + N + E); IP44	40A	380-415V	380-415V	6 x Low-Profile with Safety Lock, Single Pole, Magnetic, Branch-Rated	6 ft. (1.8 m)	12 x C13; 12 x C19
PDU3XEVS6G63B	IEC 309 63A Red (3P + N + E); IP44	40A	380-415V	380-415V	6 x Double Pole, 20A Branch-Rated	6 ft. (1.8 m)	24 x C13; 6 x C19
PDU3XEVS6L230B	L22-30P	24A	380-415V	380-415V	6 x Double Pole, 20A Branch-Rated	6 ft. (1.8 m)	24 x C13; 6 x C19
PDU3XEVS6L2230	L22-30P	24A	380-415V	380-415V	6 x Low-Profile with Safety Lock, Single Pole, Magnetic, Branch-Rated	6 ft. (1.8 m)	12 x C13; 12 x C19
PDU3XEVS6RHW	Hardwire	40A	380-415V	380-415V	6 x Low-Profile with Safety Lock, Single Pole, Magnetic, Branch-Rated	N/A	12 x C13; 12 x C19
PDU3XEVS6RHWB	Hardwire	40A	380-415V	380-415V	6 x Double Pole, 20A Branch-Rated	N/A	24 x C13; 6 x C19

Installation

- 2-2A Corded Models** - Connect the input plug to your facility's compatible AC power source and input connection.



- 2-2B Hardwire Models** (PDU3XEVS RHWA and PDU3XEVS RHWB only)

WARNING

Only qualified personnel should perform hardwire installations. Wire codes and requirements differ from area to area. Permanent connection to the branch circuit shall be done by an approved wiring method in accordance with the local electrical requirements. Use of copper wiring with ferrules is recommended for AC input terminal connections. Each input terminal connection should be torqued to the listed specification. Improperly sized wiring, inadequate torque, or use of non-copper wiring can result in overheating of input terminal connections.

These models do not come equipped with an input cable. Conduit and adapters are installed to the endplate **A**, wires are channeled through the conduit and adapters to the terminal block, located behind the access plate **B**.

Note: An appropriate disconnect device rated for the application shall be provided as part of the building installation.

Model	Recommended Wire Gauge / Type	Torque Specifications
PDU3XEVS RHWA	#6 AWG Copper Wire (13.3 mm ²)	12.2 in • lbf (1.38 N • m)
PDU3XEVS RHWB		

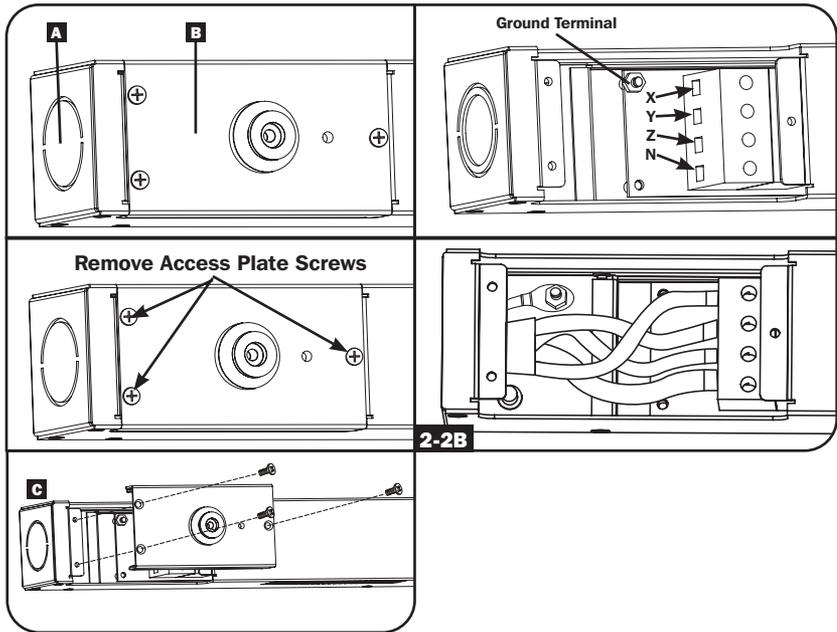
To access the terminal block, remove the access plate screws located on the rear panel of the PDU **C**. Then remove the access plate to make the input wire connections. Use an appropriate length of 3/4" EMT conduit for connection from the location of the disconnect device to the PDU. Connect the conduit using 3/4" adapters to the cutout on the endplate of the PDU.

Use an appropriate length of 8 THHN wire from the disconnect device to the PDU for each terminal connection and ground.

Installation

Channel the wire through the conduit and insert into the terminal block at locations A, Y, Z, and N. Secure wires then tighten the screws using a slotted screwdriver and apply a torque of 2.3 N·m (20 in·lb) to each screw. Secure the ground wire to the ground stud and tighten nut.

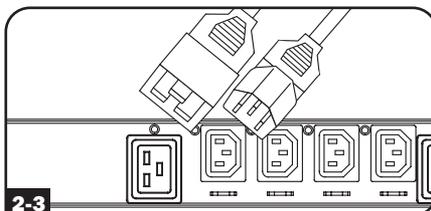
Connect the conduit to the disconnect device and secure the connector.



Installation

- 2-3** Connect your equipment's input plugs to the appropriate outlets on the PDU. The LED near each outlet illuminates when the outlet is ready to distribute live AC power.

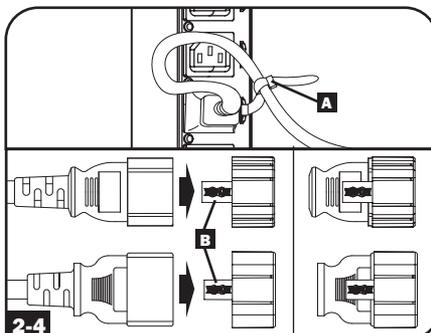
Note: It is recommended that you do not connect a live load to the PDU. If the load you intend to connect has an ON/OFF switch, please turn the switch to OFF prior to connection.



2-4 Optional Cord Retention Procedure

Option 1: Use the bridge lances located near each receptacle to retain power cords. Tie each equipment power cord to a bridge lance by looping the cord and securing it with one of the included cable ties **A**. Make sure each cord can be unplugged from the PDU without removing the cable tie.

Option 2: Use the included C14 and C20 plastic sleeves to secure plugs to receptacles. Attach the sleeve to the plug, making sure that the pull tabs **B** remain outside the plug and that the fit is secure. To unplug equipment properly, use the pull tabs to remove the plug and sleeve from the receptacle.

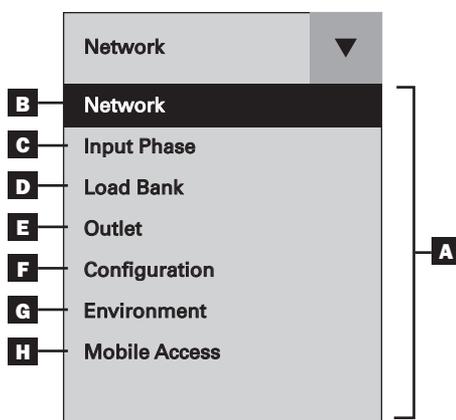


Networking the PDU

Your PDU can receive IP address assignments via DHCP server (dynamic) or static (manual) addressing methods. See the LX Platform User's Guide for an explanation of these methods. You can find the guide by going to tripplite.com/support and typing *LX Platform* in the search field. If you are uncertain which method to use, contact your network administrator for assistance before continuing the configuration process.

Note: The MAC address of the PDU (12-digit string in this format: 000667xxxxxx) is printed on a label attached to the PDU enclosure.

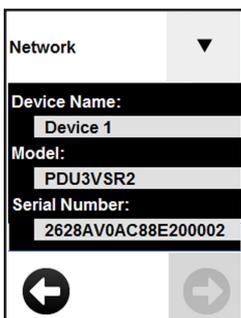
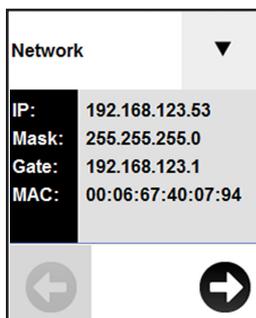
LCD Touchscreen



- A Main Menu:** Use the ▼ on the touchscreen to toggle between the main menu and the previously selected panel. Available options will vary based on the PDU and peripherals.
- B Network:** Displays the IP address, Subnet Mask, Gateway, MAC Address, Device Name, Model and Serial Number.
- C Input Phase:** Displays the amperage and voltage for each phase, as well as the Unbalanced Load %.
- D Load Bank:** Displays the total amperage, wattage and voltage for each load bank as well as the total power in Watts.
- E Outlet:** Displays the amperage and wattage per outlet.
- F Configuration:** Displays configurable settings for the LCD touchscreen.
- G Environment:** Displays the data and status of any EnviroSense2 (E2) modules connected to the PDU. The information shown will vary depending on the E2 model (E2MT, E2MTDI, E2MTDO, E2MTHDI). Parameters include temperature, RH% (relative humidity), and the status of input and output dry contacts (open or closed).
- H Mobile Access:** Generates a unique QR code to view the PDU's details on a mobile device.

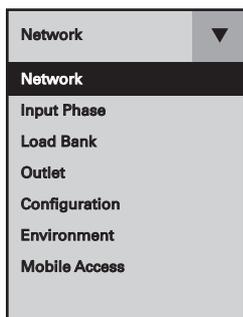
Using the LCD Touchscreen

Scrolling Through LCD Touchscreen Options

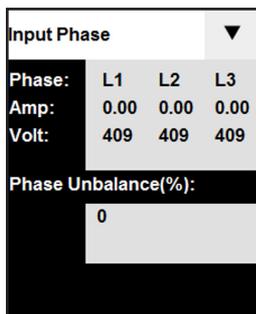


Network

Press *Network* on the drop down menu to view the PDU network details. Press the ◀ and ▶ to move between screens. Details displayed include the IP address (IP), Subnet Mask (Mask), Gateway (Gate), MAC Address (MAC), Device Name, Model and Serial Number. Press ▼ to go back to the main menu.



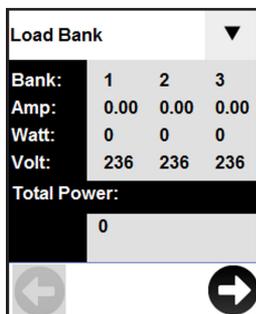
After the system initializes, the Network panel will appear. Use ▼ on the touchscreen to display the menu. Touch the desired menu option to select. Available options will vary based on the PDU and peripherals.



Input Phase

Press *Input Phase* on the drop down menu to view the status of each phase. The amperage and voltage for L1, L2 and L3 will be displayed, as well as the Phase Unbalance %.

INPUT PHASE REPORTED	LCD REFERENCE
L1 – L2	L1
L2 – L3	L2
L3 – L1	L3



Load Bank

Press *Load Bank* on the main menu to view the status of each of the PDU's load banks. The bank number will be displayed in addition to total amperage, wattage and voltage per bank, as well as the total power in Watts. Use ◀ and ▶ to scroll through the available banks.

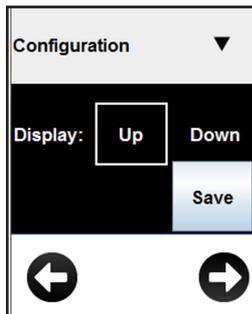
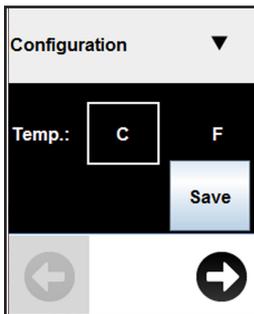
LOAD BANK	LCD REFERENCE
Bank 1	1
Bank 2	2
Bank 3	3

Using the LCD Touchscreen

Outlet	1	2	3
Outlet:	1	2	3
Amp:	0.00	0.00	0.00
Watt:	0	0	0

Outlet

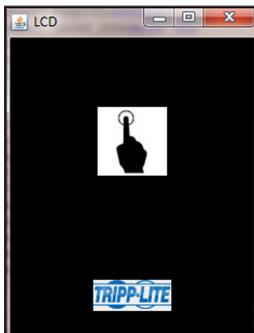
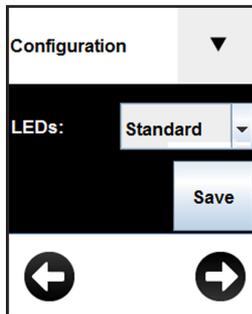
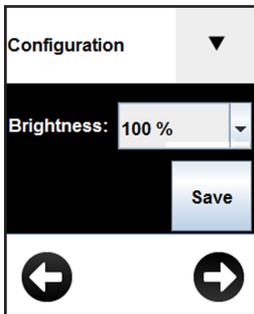
Press *Outlet* on the main menu to view the status of each PDU outlet. The outlet number will be displayed along with the amperage and wattage of each individual outlet. Use  and  to scroll through all of the outlets.



Configuration

Press *Configuration* on the drop down menu to change the PDU settings. Configurable settings include temperature, display orientation, LCD brightness, LED settings and a display dimming option.

Note: Any changes must be saved in order for the newly configured settings to remain.

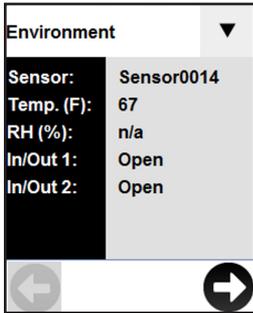


Screensaver

The screensaver will display after the configured number of minutes of inactivity.

Note: If the display is dimmed, any touch to the screen will return the LCD screen to its previous brightness prior to dimming.

Using the LCD Touchscreen



Environment

Press *Environment* on the drop down menu to view a panel for each E2 module connected to the PDU. Use the  and  to view other E2 modules.

Note: *The available information will vary based on the E2 module.*



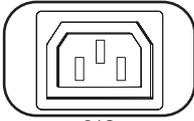
Mobile Access

A unique QR code is generated each time the Mobile Access panel is accessed. Make sure the PDU and mobile device are on the same network. Scan the code with a QR code reader on your mobile device for read-only access to the PowerAlert Device Manager.

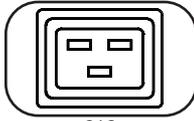
When accessed through the QR code, PowerAlert Device Manager is in read-only mode. To access the PDU with full read/write control from a mobile device on the same network, enter the device's IP address in your browser and login to PowerAlert Device Manager as a user with read/write credentials.

Note: *If the Mobile Access panel is blank, a QR code will not be generated until a valid static or dynamic IP address is assigned to the PDU.*

Features

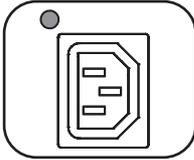


C13



C19

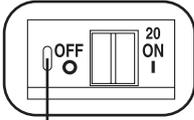
Outlets: During normal operation, the outlets distribute AC power to connected equipment.



Outlet Status LED: Once the unit is powered on, each outlet individually ramps up and each Outlet Status LED will illuminate when the associated outlet is ready to distribute live AC power.

LED Configuration	LED Color	Outlet Status	Description
Standard ¹	Off	Off	Outlet power is absent
	Green	On	Circuit breaker is on – Outlet power is present
	Yellow	On	Outlet's current has exceeded 80% of the outlet current rating – Outlet power is present
	Red	Off	Outlet's voltage is below the Low Voltage threshold – Outlet power is absent
	Red Flashing	Off	Circuit breaker has tripped – Outlet power is absent
Alternate	Off	Off	Outlet power is absent
	Red	On	Circuit breaker is on – Outlet power is present
	Red Flashing	On	Outlet's current has exceeded 80% of the outlet current rating – Outlet power is present
	Green	Off	Outlet is disabled – Outlet power is absent
	Green Flashing	Off	Circuit breaker has tripped – Outlet power is absent

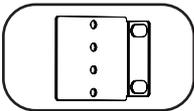
¹ This is the default configuration.



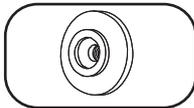
Push-to-Reset Guard

Circuit Breaker (Select Models): There are 3 Load Banks, each protected by a circuit breaker. If the connected equipment load exceeds the Maximum Load Rating for those banks of the PDU, the circuit breaker will trip. Disconnect excess load and reset the breaker.

Note: Each breaker comes equipped with a **push-to-reset guard** to prevent accidental breaker tripping. To turn off the breaker, insert a flathead screwdriver into the reset slot.

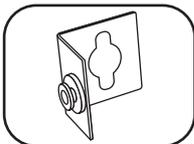


Mounting Brackets: Use these brackets as an alternate PDU mounting method.



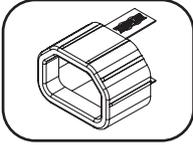
Mounting Buttons: Located on the back side of the PDU, the pre-installed buttons are used for toolless mounting.

Note: Four additional mounting buttons are included for alternate rack styles.

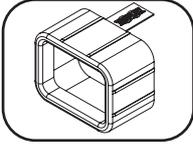


PDUVROTATEBRKT Mounting Accessory: Use these L-shaped brackets to mount the PDU with its outlets facing the rear of the rack.

Features



C14 Plug-Lock Inserts (Optional): Use the included C14 plug-lock inserts to secure plugs to C13 receptacles. Attach the sleeve to the plug making sure the pull tabs remain outside the plug and that the fit is secure. To unplug equipment properly, use the pull tabs to remove the plug and insert from the receptacle.

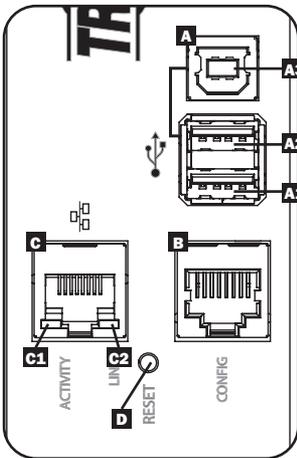


C20 Plug-Lock Inserts (Optional): Use the included C20 plug-lock inserts to secure plugs to C19 receptacles. Attach the sleeve to the plug making sure the pull tabs remain outside the plug and that the fit is secure. To unplug equipment properly, use the pull tabs to remove the plug and insert from the receptacle.



Ground Screw: Use this to connect any equipment that requires a chassis ground.

Network Interface



A USB Ports: The two USB-A ports **A1** and **A2** connect to one of four different Tripp Lite EnviroSense2 (E2) environmental sensors* for remote temperature or temperature/humidity monitoring (up to three E2 sensors can be daisy-chained). The USB-B port **A3** is used for initial network interface configuration and direct console access from a laptop**.

*USB-A ports are designed for use with E2 modules only. Do not connect other USB devices to these ports.

Only 2 of 3 USB ports can be used simultaneously. For example: 2 USB-A (A1** and **A2**), or 1 USB-B and the lower USB-A port (**A3** and **A1**); the upper USB-A port **A2** cannot connect with the USB-B port **A3**.

B RJ45 Configuration Port: This port can also be used to configure the network interface and command line access from a laptop.

C Ethernet Port: Use this RJ45 jack to connect the PDU to the network with a standard Ethernet patch cable. The behavior of the Activity LED **C1** and Link LED **C2** is shown in the table below. *This port is not compatible with PoE (Power Over Ethernet) applications.*

LED Function	LED Color	Off	On	Flashing
Activity	Green	No Activity	—	Activity
Link	Yellow	No Link	Link (Any Speed)	—

D SNMP Reset Button: The reset button is recessed. Use a paper clip or other suitable object to press the reset button for 3 seconds to reboot the PDU's network interface. Rebooting the network interface will not erase network settings or interrupt AC power. Press and hold the reset button for 20 seconds to restore the PDU's network interface to its factory default settings. Restoring to the factory default will erase all previously saved data—including network settings—without interrupting AC power.

Configuration and Operation

Remote Monitoring and Control

The PDU can be monitored and controlled remotely via Web browser, telnet and SNMP-based Network Management Systems. For more information about configuration and operation of the PDU via the PowerAlert Device Manger, refer to the LX Platform User's Guide, which can be found by going to tripplite.com/support and typing *LX Platform* in the search field.

Load	Current	Power	Reason	State	Group	Description	Ramp Action	Delay (s)	Shed Action	Delay (s)
1	0.A	0.W	0	●			Turn On	0	Remain On	0
2	0.A	0.W	0	●			Turn On	0	Remain On	0
3	0.A	0.W	0	●			Turn On	0	Remain On	0
4	0.A	0.W	0	●			Turn On	0	Remain On	0
5	0.A	0.W	0	●			Turn On	0	Remain On	0
6	0.A	0.W	0	●			Turn On	0	Remain On	0
7	0.A	0.W	0	●			Turn On	0	Remain On	0
8	0.A	0.W	0	●			Turn On	0	Remain On	0
9	0.A	0.W	0	●			Turn On	0	Remain On	0
10	0.A	0.W	0	●			Turn On	0	Remain On	0
11	0.A	0.W	0	●			Turn On	0	Remain On	0
12	0.A	0.W	0	●			Turn On	0	Remain On	0
13	0.A	0.W	0	●			Turn On	0	Remain On	0
14	0.A	0.W	0	●			Turn On	0	Remain On	0
15	0.A	0.W	0	●			Turn On	0	Remain On	0
16	0.A	0.W	0	●			Turn On	0	Remain On	0
17	0.A	0.W	0	●			Turn On	0	Remain On	0
18	0.A	0.W	0	●			Turn On	0	Remain On	0
19	0.A	0.W	0	●			Turn On	0	Remain On	0
20	0.A	0.W	0	●			Turn On	0	Remain On	0
21	0.A	0.W	0	●			Turn On	0	Remain On	0
22	-	-	-	-	-	-	-	-	-	-

Service

Your Tripp Lite product is covered by the warranty described in this manual. A variety of Extended Warranty and On-Site Service Programs are also available from Tripp Lite. For more information on service, visit tripplite.com/support. Before returning your product for service, follow these steps:

1. Review the installation and operation procedures in this manual to ensure that the service problem does not originate from a misreading of the instructions.
2. If the problem continues, do not contact or return the product to the dealer. Instead, visit tripplite.com/support.
3. If the problem requires service, visit tripplite.com/support and click the Product Returns link. From here you can request a Returned Material Authorization (RMA) number, which is required for service. This simple on-line form will ask for your unit's model and serial numbers, along with other general purchaser information. The RMA number, along with shipping instructions will be emailed to you. Any damages (direct, indirect, special or consequential) to the product incurred during shipment to Tripp Lite or an authorized Tripp Lite service center is not covered under warranty. Products shipped to Tripp Lite or an authorized Tripp Lite service center must have transportation charges prepaid. Mark the RMA number on the outside of the package. If the product is within its warranty period, enclose a copy of your sales receipt. Return the product for service using an insured carrier to the address given to you when you request the RMA.

Warranty and Product Registration

2- YEAR LIMITED WARRANTY

Seller warrants this product, if used in accordance with all applicable instructions, to be free from original defects in material and workmanship for a period of 2 years from the date of initial purchase. If the product should prove defective in material or workmanship within that period, Seller will repair or replace the product, in its sole discretion. Service under this Warranty can only be obtained by your delivering or shipping the product (with all shipping or delivery charges prepaid) to: Tripp Lite, 1111 W. 35th Street, Chicago, IL 60609 USA. Seller will pay return shipping charges. Visit tripplite.com/support before sending any equipment back for repair.

THIS WARRANTY DOES NOT APPLY TO NORMAL WEAR OR TO DAMAGE RESULTING FROM ACCIDENT, MISUSE, ABUSE OR NEGLIGENCE. SELLER MAKES NO EXPRESS WARRANTIES OTHER THAN THE WARRANTY EXPRESSLY SET FORTH HEREIN. EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ALL IMPLIED WARRANTIES, INCLUDING ALL WARRANTIES OF MERCHANTABILITY OR FITNESS, ARE LIMITED IN DURATION TO THE WARRANTY PERIOD SET FORTH ABOVE; AND THIS WARRANTY EXPRESSLY EXCLUDES ALL INCIDENTAL AND CONSEQUENTIAL DAMAGES. (Some states do not allow limitations on how long an implied warranty lasts, and some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you. This Warranty gives you specific legal rights, and you may have other rights which vary from jurisdiction to jurisdiction).

WARNING: The individual user should take care to determine prior to use whether this device is suitable, adequate or safe for the use intended. Since individual applications are subject to great variation, the manufacturer makes no representation or warranty as to the suitability or fitness of these devices for any specific application.

PRODUCT REGISTRATION

Visit tripplite.com/warranty today to register your new Tripp Lite product. You'll be automatically entered into a drawing for a chance to win a FREE Tripp Lite product!*

* No purchase necessary. Void where prohibited. Some restrictions apply. See website for details.

FCC Notice, Class A

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense. The user must use shielded cables and connectors with this equipment. Any changes or modifications to this equipment not expressly approved by Tripp Lite could void the user's authority to operate this equipment.

Regulatory Compliance Identification Numbers

For the purpose of regulatory compliance certifications and identification, your Tripp Lite product has been assigned a unique series number. The series number can be found on the product nameplate label, along with all required approval markings and information. When requesting compliance information for this product, always refer to the series number. The series number should not be confused with the marketing name or model number of the product.

WEEE Compliance Information for Tripp Lite Customers and Recyclers (European Union)



Under the Waste Electrical and Electronic Equipment (WEEE) Directive and implementing regulations, when customers buy new electrical and electronic equipment from Tripp Lite they are entitled to:

- Send old equipment for recycling on a one-for-one, like-for-like basis (this varies depending on the country)
- Send the new equipment back for recycling when this ultimately becomes waste

Tripp Lite has a policy of continuous improvement. Specifications are subject to change without notice.



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