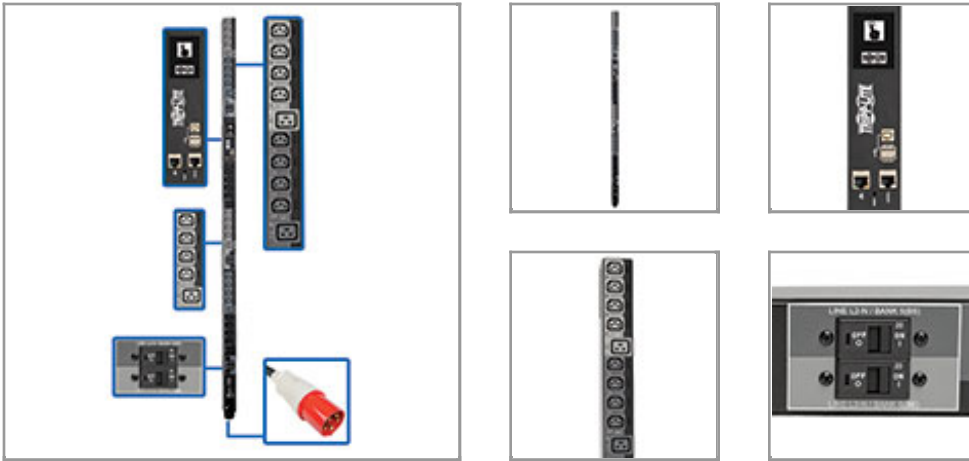# 27.7kW 3-Phase Switched PDU, LX Platform Interface, 220/230V Outlets (24 C13/6 C19), Touchscreen LCD, IEC 309 63A Red 380/400V, 0U, TAA

MODEL NUMBER: **PDU3XEVSR6G63B**

Highlights

- 27.7kW 220/230V 3-phase switched 1.8m 0U PDU
- 30 individually controllable outlets—24 C13, 6 C19
- Built-in LX Platform interface for remote access 24/7
- IEC 309 63A Red 380/400V PDU input with 1.8m AC power cord
- Touchscreen LCD with mobile access option via QR code

Package Includes

- PDU3XEVSR6G63B 27.7kW 3-Phase Switched PDU
- Built-in LX Platform interface
- Configuration cable
- (30) Plug-lock insert sleeves
- Rack-mounting hardware
- PDUMVROTATEBRKT mounting bracket accessory
- Owner's manual

Description

The PDU3XEVSR6G63B 27.7kW 3-Phase Switched Power Distribution Unit provides advanced network control and remote power monitoring with the ability to turn on, turn off, reboot or lock out power to each outlet. By reducing the frequency of on-site visits, these advanced remote capabilities can save you money and reduce downtime.

The 0U PDU features 30 switched 220/230V outlets (24 C13 and 6 C19) with included plug-lock insert sleeves to prevent cables from becoming accidentally disconnected. A 1.8-meter cord with IEC 309 63A Red 380/400V plug connects the PDU to a compatible AC power source, generator or protected UPS.

The built-in Java-free HTML5-based LX Platform network interface enables full remote access for PDU status monitoring and email notifications via secure web browser, SNMP, telnet or SSH. It supports 10/100 Mbps auto-sensing for optimum communication with an Ethernet network. Optional EnviroSense2 modules (sold separately) provide a variety of environmental monitoring capabilities. Protocols supported include IPv4, IPv6, HTTP, HTTPS, SMTP, SNMPv1, SNMPv2, SNMPv3, telnet, SSH, FTP, DHCP and NTP.

A color touchscreen LCD lets you toggle between menus to monitor input current level per phase, output current per load bank and per outlet with ±1% billing-grade accuracy, environmental sensor data and network information. It also generates a unique QR code to allow access to the switchable PDU through a mobile device.

Features

Distributes, Monitors and Manages Network-Grade AC Power

- 27.7kW 380/220V 400/230V switched PDU with 3-phase input
- Recommended for network applications requiring individual outlet control, load shedding and remote monitoring of critical network components
- IEC 309 63A Red 380/400V plug with 1.8m cord connects to compatible AC power source
- Firmware upgrades support future product enhancements

30 Switched 220/230V Outlets Distribute AC Power

- 24 C13 and 6 C19 outlets split into 6 separately breakered load banks
- Individual outlets can be remotely controlled to power up, power down, reboot or lock out devices
- Plug-lock insert sleeves prevent cables from becoming accidentally disconnected

Color Touchscreen LCD

- Reports network data, including IP address, input current level per phase, and output current per load bank and per outlet with ±1% billing-grade accuracy
- Generates unique QR code for read-only access to PowerAlert® Device Manager via mobile device
- Full access available by logging into PowerAlert Device Manager via browser as user with read/write credentials

Built-In LX Platform Interface

- Allows full remote access for power monitoring with email notifications via secure web browser, SNMP, telnet or SSH
- Supports 10/100 Mbps auto-sensing for communication with an Ethernet network
- Optional EnviroSense2 modules (sold separately) provide a variety of environmental monitoring capabilities
- No Java required

Broad Communications Compatibility

- Supports IPv4, IPv6, HTTP, HTTPS, SMTP, SNMPv1, SNMPv2, SNMPv3, telnet, SSH, FTP, DHCP and NTP
- Supports automatic and manual assignment of IP address

Essential Safety Features

- Tiered access allows administrator and guest to log in via web browser
- Immediate alert notifications via email or SNMP traps
- Supports user-specified alarm notification thresholds
- Real-time clock backup maintains day/date even if PDU is unpowered

Easy 0U Installation in EIA-Standard 19 in. Racks

- Mounts vertically using included toolless buttons or rack-mounting brackets
- Included PDUMVROTATEBRKT allows mounting with rear-facing outlets

TAA-Compliant

- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

Specifications

OVERVIEW	
PDU Type	Switched
OUTPUT	
Output Capacity Details	28.8kW (415/240V), 27.7kW (400/230V), 26.3kW (380/220V) total capacity; 40A max per output phase (L1, L2, L3); 20A max per breakered outlet bank; 16A max per C19 outlet; 12A max per C13 outlet
Frequency Compatibility	50 / 60 Hz
Output Receptacles	(24) C13; (6) C19

Output Nominal Voltage	220 (380V input); 230 (400V input)
Overload Protection	6 20A breakers protect 4 C13 and 1 C19 outlet each

INPUT

PDU Input Voltage	380; 400
Recommended Electrical Service	63A 380/220V, 400/230V with IEC309 63A Red (3P+N+E) outlet
Maximum Input Amps	40
PDU Plug Type	IEC-309 63A RED (3P+N+E)
Input Cord Length (ft.)	6
Input Cord Length (m)	1.83
Input Phase	3-Phase

USER INTERFACE, ALERTS & CONTROLS

Reported Load Segments	Reports input current per phase (L1, L2, L3), plus output current for each output load bank (B1-B6) and individual output receptacle (1-30); Outlets are color-coded and labelled for phase and load bank identification; L1-N feeds black outlets (B1, B4); L2-N feeds dark-gray outlets (B2, B5); L3-N feeds light-gray outlets (B3, B6)
Front Panel LCD Display	Touchscreen LCD reports NETWORK DATA (IP address, Subnet Mask, Gateway, MAC Address, Device Name, Model, Serial Number), INPUT PHASE DATA (Amperage, Wattage, Voltage per phase, plus Unbalance percentage), LOAD BANK DATA (Amperage, Wattage, Voltage per load bank, plus total PDU output in watts), OUTLET DATA (Amperage, Wattage per outlet), CONFIGURATION DATA (Listing of current configuration settings), ENVIRONMENTAL DATA (Reports data and status of E2 sensor modules; Sensor options are available for temperature and humidity, plus input and output dry contacts), MOBILE ACCESS (Generates a unique QR code to view reported PDU details on a mobile device)
Front Panel LEDs	One LED for each output receptacle offers power availability information: GREEN (Power ON, load bank capacity <80%), YELLOW (Power ON, load bank capacity >80%), RED (Power OFF/undervoltage), RED FLASHING (Power OFF/breaker trip), LED OFF (Power OFF)

PHYSICAL

Shipping Dimensions (hwd / in.)	6.9 x 9.7 x 75.9
Shipping Dimensions (hwd / cm)	17.5 x 24.6 x 192.8
Shipping Weight (lbs.)	24.9
Shipping Weight (kg)	11.3
Unit Dimensions (hwd / in.)	70 x 2.17 x 2.52
Unit Dimensions (hwd / cm)	177.8 x 5.51 x 6.4
Unit Weight (lbs.)	17.7
Unit Weight (kg)	8.03
Material of Construction	Metal
Form Factors Supported	Vertical rackmount installation supported with included mounting brackets; supports toolless mounting in button-mount compatible racks
PDU Form Factor	Vertical; 0U

ENVIRONMENTAL

Operating Temperature Range	32 to 122F (0C to 50C)
Storage Temperature Range	5 to 140F (-15C to 60C)
Relative Humidity	5% to 95% non-condensing
Operating Elevation (ft.)	0-10,000
Operating Elevation (m)	0-3000
COMMUNICATIONS	
SNMP Compatibility	Built-in LX Platform interface provides remote monitoring via secure web browser, SNMP, telnet or SSH
CERTIFICATIONS	
Certifications	Tested to CE (EN 60950-1), CE Class A (Emissions), RoHS compliant, TAA Compliant
WARRANTY	
Product Warranty Period (Worldwide)	2-year limited warranty