

# 11.5kW 3-Phase Switched PDU, 208-240V Outlets (24 C13, 6 C19), IEC309 16/20A Red, 360-415V Input, 0U, TAA

MODEL NUMBER: PDU3XVSR6G20



## Features

- 11.5kW Switched 360-415V input 208-240V output PDU with built-in web/network interface
- IEC309 16/20A Red (3P+N+E) 360-415V 3 phase input with 6 ft. / 1.8m line cord
- 0U, 70 inch / 178cm vertical form factor
- 30 switched 208-240V outlets (24 C13, 6 C19) in 3 single phase load banks
- Supports power-on, power-off or reboot of each outlet on a real-time or programmable basis
- Enables reboot of locked equipment, custom power-on/power-off sequences, load shedding of optional loads and disabling unused outlets
- Network interface provides PDU control and data regarding input voltage and load levels per-outlet and per-phase
- Built-in local digital display and remote web/network interface reports detailed voltage, amperage and kilowatt output values per outlet and per phase with additional reporting options for power unbalance percentage, IP address and sensor based temperature and humidity data (requires ENVIROSENSE sensor)
- In-rack environmental reporting with optional ENVIROSENSE temperature / humidity sensor and rack access notification with up to 4 optional SRSWITCH door sensors
- Local display supports electronic 180 degree display rotation for overhead or under-floor input cable orientation
- Supports user-specified alarm notification thresholds
- DHCP/Manual configuration support
- 10/100 Mbps auto-sensing
- Real-time clock backup maintains the time of day and date even if the PDU is unpowered
- Tiered access privileges allow an administrator and a guest to login via web browser
- Alert notifications via email or SNMP traps offer immediate event notification
- Firmware upgrade ability supports future product enhancements
- Supports HTTP, HTTPS, PowerAlert Network Management System, SMTP, SNMPv1, SNMPv2, SNMPv3, Telnet, SSH, FTP, DHCP, BootP, NTP protocols
- Fully compatible with FREE PowerAlert Network Management System / NMS Software

## Highlights

- Switched 11.5kW 3-Phase 360-415V input 208-240V output PDU
- Reports voltage, frequency and load per-outlet and per phase via ethernet interface
- 1% billing-grade accuracy; Digital display reports detailed status and loading information
- 70in / 1778mm 0U vertical format; Toolless button-mount installation
- 24 C13 and 6 C19 single phase outlets; Plug-lock cable retention inserts keep power cables secure
- IEC309 16/20A Red (3P+N+E) 3 phase input; 6-ft. (1.83 m) line cord
- TAA Compliant

## Package Includes

- Switched, vertical rackmount PDU with pre-installed mounting buttons
- 24 C13/C14 and 6 C19/C20 Plug-lock cable retention inserts
- Spare installation buttons (2 9mm / 4 6mm), Mounting brackets
- Configuration cable
- Owner's manual

- Included set of Plug-lock inserts keep C14 and C20 power cords solidly connected to PDU outlets
- Toolless mounting supported in button-mount compatible racks, plus nut-and-bolt mounting brackets for other mounting applications (set of 2 9mm buttons pre-installed, 2 9mm and 4 6mm spare buttons included)
- Federal Trade Agreements Act / TAA Compliant for GSA Schedule purchases

## Specifications

| OVERVIEW                               |                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UPC Code                               | 037332180254                                                                                                                                                                                                                                                                                                                                                                                                                     |
| PDU Type                               | Switched                                                                                                                                                                                                                                                                                                                                                                                                                         |
| INPUT                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Input Phase                            | 3-Phase                                                                                                                                                                                                                                                                                                                                                                                                                          |
| PDU Input Voltage                      | 360; 380; 400; 415                                                                                                                                                                                                                                                                                                                                                                                                               |
| Recommended Electrical Service         | Three-phase 16A 360-415V service                                                                                                                                                                                                                                                                                                                                                                                                 |
| Maximum Input Amps                     | 16                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Maximum Input Amps Details             | Agency de-rated to 16A continuous                                                                                                                                                                                                                                                                                                                                                                                                |
| PDU Plug Type                          | IEC-60309 16/20A RED (3P+N+E)                                                                                                                                                                                                                                                                                                                                                                                                    |
| Input Cord Length (ft.)                | 6                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Input Cord Length (m)                  | 1.83                                                                                                                                                                                                                                                                                                                                                                                                                             |
| OUTPUT                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Output Capacity Details                | 11.5kW (415/240V), 11.1kW (400/230V), 10.5kW (380/220V), 10kW (360/208V) total capacity; 16A max per output phase (L1-L2, L2-L3, L3-L1); 16A max per C19 outlet; 12A (10A CE) max per C13 outlet                                                                                                                                                                                                                                 |
| Frequency Compatibility                | 50 / 60 Hz                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Output Receptacles                     | (24) C13; (6) C19                                                                                                                                                                                                                                                                                                                                                                                                                |
| Output Nominal Voltage                 | 208-240V                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Customized Load Management Receptacles | Each outlet is individually controllable via remote interface                                                                                                                                                                                                                                                                                                                                                                    |
| USER INTERFACE, ALERTS & CONTROLS      |                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Reported Load Segments                 | Reports input current per phase (L1, L2, L3), plus output current for each output load bank (16A balanced max per B1-B3) and individual output receptacle (1-30); Outlets are color-coded and labeled for phase and load bank identification; L1-N feeds black outlets (B1); L2-N feeds dark-gray outlets (B2); L3-N feeds light-gray outlets (B3)                                                                               |
| Front Panel LCD Display                | Large digital display reports Amperage, Kilowatts, Voltage, Unbalance percentage, Temperature* and Humidity* information (*requires ENVIROSENSE option); Small digital display provides detail on the measurement the large display is reporting: Input-phase (L#), Load bank (B#), Sensor (S#), Outlet (##), Load unbalance % (UB), Output power (OP)                                                                           |
| Front Panel LEDs                       | Set of 6 LEDs identify the value displayed on the large digital display: Amperage (A), Kilowatts (kW), Voltage (V), Unbalance percentage (%UB), Temperature (T), Humidity (%RH); One additional 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) |
| Switches                               | Set of UP/DOWN arrow buttons scroll through available Input, Bank, Power, Load balance and Sensor options; Additional MODE button advances the LEDs to view the next measurement                                                                                                                                                                                                                                                 |



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| Current Measurement Accuracy (Amps)  | +/-1%                                                                                                                                  |
| Voltage Measurement Accuracy (Volts) | +/-1%                                                                                                                                  |
| Power Measurement Accuracy (Watts)   | +/-1%                                                                                                                                  |
| <b>SURGE / NOISE SUPPRESSION</b>     |                                                                                                                                        |
| Automatic Shut-Off                   | No                                                                                                                                     |
| <b>PHYSICAL</b>                      |                                                                                                                                        |
| 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)                                                                                                                          |
| Shipping Dimensions (hwd / in.)      | 6.89 x 9.65 x 75.87                                                                                                                    |
| Shipping Dimensions (hwd / cm)       | 17.50 x 24.51 x 192.71                                                                                                                 |
| Shipping Weight (lbs.)               | 21.25                                                                                                                                  |
| Shipping Weight (kg)                 | 9.64                                                                                                                                   |
| Unit Dimensions (hwd / in.)          | 70.000 x 2.170 x 2.860                                                                                                                 |
| Unit Dimensions (hwd / cm)           | 177,8 x 5,51 x 7,3                                                                                                                     |
| Unit Weight (lbs.)                   | 14.5                                                                                                                                   |
| Unit Weight (kg)                     | 6.58                                                                                                                                   |
| <b>ENVIRONMENTAL</b>                 |                                                                                                                                        |
| Operating Temperature Range          | 0C ~ 50C (32F ~ 122F)                                                                                                                  |
| Storage Temperature Range            | -30°C to +60°C (-22°F to +140°F)                                                                                                       |
| Relative Humidity                    | 5-95% non condensing                                                                                                                   |
| Operating Elevation                  | 0-10,000                                                                                                                               |
| <b>COMMUNICATIONS</b>                |                                                                                                                                        |
| PowerAlert Software                  | SNMPWEBCARD Interface: PowerAlert 12                                                                                                   |
| Communications Cable                 | RJ45-to-DB9 configuration/console Access cable                                                                                         |
| Network Compatibility                | 10 Mbps; 100 Mbps (Fast Ethernet)                                                                                                      |
| <b>FEATURES &amp; SPECIFICATIONS</b> |                                                                                                                                        |
| High Availability PDU Features       | Auto Load Shedding                                                                                                                     |
| <b>STANDARDS &amp; COMPLIANCE</b>    |                                                                                                                                        |
| Product Certifications               | EN 60950-1; CSA (Canada); NOM (Mexico); UL 60950-1                                                                                     |
| Product Compliance                   | RoHS; CE (Europe); FCC Part 15 Class A (USA)                                                                                           |

WARRANTY & SUPPORT

|                                        |                         |
|----------------------------------------|-------------------------|
| Product Warranty Period<br>(Worldwide) | 2-year limited warranty |
|----------------------------------------|-------------------------|

1000 Eaton Boulevard  
Cleveland, OH 44122  
United States  
<https://tripplite.eaton.com>

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