



# PDU41002

## SWITCHED PDU SERIES



Designed for datacenters and other electrically demanding applications.

The CyberPower PDU41002, an 8-outlet (front), 1U rackmount switched power distribution unit (PDU), provides 120V 20A output. It distributes power to eight NEMA 5-20R receptacles from a single NEMA 5-20 or L5-20 (with adaptor) plug with unfiltered electrical pass-through. The switched outlet receptacles can be managed individually or collectively over the network, using the CyberPower Management Console, a web browser, and the RJ45 Ethernet port for network connection, or locally by using the LCD controls.

Outlets can be turned on, turned off, or recycled on demand or at programmed times to address a number of needs including remote rebooting of locked equipment, load shedding, power sequencing, and locking out unauthorized loads. The PDU41002 comes with a three-year limited warranty that covers defects in materials and workmanship in the product under normal use and conditions within three years of the purchase date.

### TYPICAL APPLICATIONS

- Servers
- Network Devices
- Telecom Equipment

### FEATURES

- Switched PDU: SNMP Network Interface and Switchable Outlets
- Automated notifications: Email, SMS Text, and SNMP Trap
- Phase: Single
- Amps: 20A (Derated to 16A)
- Volts: 100 – 120 V
- Frequency: 50Hz/60Hz
- Plug type: NEMA (L)5-20P
- Outlets: 8 NEMA 5-20R
- Outlet location: 8 Front
- Size: 1U Rackmount
- Warranty: Three-Year

### SPECIFICATIONS

INPUT	
Cord Length	12 ft (3.7 m)
Derated Input Current	16 A
Input Frequency Range	50 Hz - 60 Hz
Input Plug Type	NEMA L5-20P (5-20P Adapter)
Maximum Input Current	20A
Phase	Single Phase
Plug Style	Straight

OUTPUT	
Meter Readout	Power Control Display
Nominal Output Voltage	100 - 120 VAC
Outlet Type	8 x NEMA 5-20R
Outlet - Number of Banks	1
Outlets - Front	8
Outlets - Total	8

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SPECIFICATIONS - CONT.

MANAGEMENT & COMMUNICATIONS	
Environmental Sensor	Optional, via RJ45
Hardware Connection Port	RJ45 Universal (RJ45)
LCD	Multifunction LCD
LED Indicators	Tx/Rx LINK Normal/Warning/Critical Status
Modular Expandability (Cascading)	Yes, via RJ45
Outlet Switching	Yes
SNMP / HTTP Remote Monitoring	IPv4, TCP/IP, UDP, SNMPv1, HTTP, NTP, DNS, Telnet, DHCP, SMTP, FTP, IPv6, SNMPv3, HTTPs, SSH, SSL, TLS, LDAP(S), RADIUS, Syslog, CLI, Windows AD
Upgradeable Firmware	Yes
PHYSICAL	
Adjustable Mounting Brackets	1 Set
Color	Black
Cord Retention Tray/ Cord Organizers	Yes
External Site Ground Pin	Yes
Form Factors Supported	Horizontal or Vertical Wallmount Racks Horizontal or Vertical Mount in a Variety of Other Surface Types
Material of Construction	Metal
Rack Height	1U
Style	Horizontal Rackmount Wallmount
PHYSICAL DIMENSIONS	
Physical Dimensions - Width/Height/Depth (cm)	43.31 x 4.45 x 11.2 cm
Physical Dimensions - Width/Height/Depth (mm)	433 x 44 x 112 mm
Physical Dimensions - Width/Height/Depth (in.)	17.05 x 1.75 x 4.41 in.
Weight (kg)	3.31 kg
Weight (lbs.)	7.3 lbs.

SHIPPING DIMENSIONS	
Shipping Dimensions - Width/Height/Depth (cm)	49.53 x 6.68 x 25.1 cm
Shipping Dimensions - Width/Height/Depth (mm)	495.3 x 66.8 x 250.95 mm
Shipping Dimensions - Width/Height/Depth (in.)	19.5 x 2.63 x 9.88 in.
Shipping Weight (kg)	4.17 kg
Shipping Weight (lbs.)	9.2 lbs.
ENVIRONMENTAL	
Operating Elevation	0 - 11,483 ft (0 - 3,500 m)
Operating Relative Humidity	0 to 95% (non-condensing)
Operating Temperature	32 to 140 °F (0 to 60 °C)
Storage Elevation	0 - 49,213 ft (0 - 14,999 m)
Storage Temperature	5 to 149 °F (-15 to 65 °C)
CERTIFICATIONS	
Environmental	RoHS Compliant
Safety	UL62368 FCC Class A ICES-003: Issue 7
WARRANTY	
Extended Warranty Option	WEXT5YR-PDU1A
Product Warranty	3-Year Limited