# **Cyber Power**



### PDU20BT8R Basic PDU

Engineered to distribute UPS, generator or utility AC power to equipment.

The CyberPower 8-outlet rack mount basic power distribution unit (PDU20BT8R) provides 120V 20A output. It distributes power to 8 NEMA 5-20R receptacles from a single NEMA L5-20P twist lock plug, with unfiltered electrical pass-through.

Designed for datacenters and other electrically demanding applications, this unit has a rugged, industrial-grade metal housing and a 15-foot AC power cord. It can be mounted either horizontally or vertically, includes a cord retention tray and is ETL/RoHS certified.

A Lifetime Warranty ensures that this PDU is free of defects in design, assembly, material and workmanship.

#### **Typical Applications**

- Servers
- Network Devices
- Telecom Equipment

#### Features

- Basic PDU
- Switch-Free Design
- Industrial-Grade Metal Housing
- Lifetime Warranty

## PDU20BT8R Basic PDU

Engineered to distribute UPS, generator or utility AC power to equipment.

GENERAL Type Basic PDU Phase Single Phase  INPUT  Voltage 120V  Current 20A max  Frequency 50Hz/60Hz Plug Type NEMA L5-20P Plug Style Straight, Twist Lock  Cord Length 15'  OUTPUT  Nominal Output Voltage 120V  Outlets - Total 8  Outlet Type NEMA 5-20R  Outlets - Front 0  Outlets - Rear 8  Overload Protection 20A  PHYSICAL  Rack Size 1U  Form Factors Supported 1U Rackmount, OU Vertical Rackmount, Undercounter Installation Supported  Cord Retention Organizers Yes  External Site Ground Pin Yes  Adjustable Mounting Brackets 2 sets (L-short, L-long)  Dimensions (WxHxD) (in.) 17.5 x 1.75 x 1.5  Weight (lbs.) 4.0  ENVIRONMENTAL Operating Relative Humidity 0% - 95% non-condensing
Phase Single Phase  INPUT  Voltage 120V  Current 20A max  Frequency 50Hz/60Hz  Plug Type NEMA L5-20P  Plug Style Straight, Twist Lock  Cord Length 15'  OUTPUT  Nominal Output Voltage 120V  Outlets - Total 8  Outlet Type NEMA 5-20R  Outlets - Front 0  Outlets - Rear 8  Overload Protection 20A  PHYSICAL  Rack Size 1U  Form Factors Supported Undercounter Installation Supported  Cord Retention Organizers Yes  External Site Ground Pin Yes  Adjustable Mounting Brackets 2 sets (L-short, L-long)  Dimensions (WxHxD) (in.) 17.5 x 1.75 x 1.5  Weight (lbs.) 4.0  ENVIRONMENTAL  Operating Temperature 32°F to 95°F / 0°C to 35°C
INPUT  Voltage 120V  Current 20A max  Frequency 50Hz/60Hz  Plug Type NEMA L5-20P  Plug Style Straight, Twist Lock  Cord Length 15'  OUTPUT  Nominal Output Voltage 120V  Outlets - Total 8  Outlet Type NEMA 5-20R  Outlets - Front 0  Outlets - Rear 8  Overload Protection 20A  PHYSICAL  Rack Size 1U  Form Factors Supported 1U Rackmount, OU Vertical Rackmount, Undercounter Installation Supported  Cord Retention Organizers Yes  External Site Ground Pin Yes  Adjustable Mounting Brackets 2 sets (L-short, L-long)  Dimensions (WxHxD) (in.) 17.5 x 1.75 x 1.5  Weight (lbs.) 4.0  ENVIRONMENTAL  Operating Temperature 32°F to 95°F / 0°C to 35°C
Voltage 120V Current 20A max Frequency 50Hz/60Hz Plug Type NEMA L5-20P Plug Style Straight, Twist Lock Cord Length 15' OUTPUT Nominal Output Voltage 120V Outlets - Total 8 Outlet Type NEMA 5-20R Outlets - Front 0 Outlets - Rear 8 Overload Protection 20A PHYSICAL Rack Size 1U Form Factors Supported Undercounter Installation Supported Cord Retention Organizers Yes External Site Ground Pin Yes Adjustable Mounting Brackets 2 sets (L-short, L-long) Dimensions (WxHxD) (in.) 17.5 x 1.75 x 1.5 Weight (lbs.) 4.0 ENVIRONMENTAL Operating Temperature 32°F to 95°F / 0°C to 35°C
Current 20A max  Frequency 50Hz/60Hz  Plug Type NEMA L5-20P  Plug Style Straight, Twist Lock  Cord Length 15'  OUTPUT  Nominal Output Voltage 120V  Outlets - Total 8  Outlet Type NEMA 5-20R  Outlets - Front 0  Outlets - Rear 8  Overload Protection 20A  PHYSICAL  Rack Size 1U  Form Factors Supported 1U Rackmount, OU Vertical Rackmount, Undercounter Installation Supported  Cord Retention Organizers Yes  External Site Ground Pin Yes  Adjustable Mounting Brackets 2 sets (L-short, L-long)  Dimensions (WxHxD) (in.) 17.5 x 1.75 x 1.5  Weight (lbs.) 4.0  ENVIRONMENTAL  Operating Temperature 32°F to 95°F / 0°C to 35°C
Frequency  Plug Type  NEMA L5-20P  Plug Style  Straight, Twist Lock  Cord Length  15'  OUTPUT  Nominal Output Voltage  120V  Outlets - Total  8  Outlet Type  NEMA 5-20R  Outlets - Front  0  Outlets - Rear  8  Overload Protection  PHYSICAL  Rack Size  1U  Form Factors Supported  Undercounter Installation Supported  Cord Retention Organizers  Yes  External Site Ground Pin  Adjustable Mounting Brackets  Dimensions (WxHxD) (in.)  17.5 x 1.75 x 1.5  Weight (lbs.)  4.0  ENVIRONMENTAL  Straight, Twist Lock  120V  120V
Plug Type NEMA L5-20P Plug Style Straight, Twist Lock  Cord Length 15'  OUTPUT  Nominal Output Voltage 120V  Outlets - Total 8  Outlet Type NEMA 5-20R  Outlets - Front 0  Outlets - Rear 8  Overload Protection 20A  PHYSICAL  Rack Size 1U  Form Factors Supported 1U Rackmount, OU Vertical Rackmount, Undercounter Installation Supported  Cord Retention Organizers Yes  External Site Ground Pin Yes  Adjustable Mounting Brackets 2 sets (L-short, L-long)  Dimensions (WxHxD) (in.) 17.5 x 1.75 x 1.5  Weight (lbs.) 4.0  ENVIRONMENTAL  Operating Temperature 32°F to 95°F / 0°C to 35°C
Plug Style Straight, Twist Lock  Cord Length 15'  OUTPUT  Nominal Output Voltage 120V  Outlets - Total 8  Outlet Type NEMA 5-20R  Outlets - Front 0  Outlets - Rear 8  Overload Protection 20A  PHYSICAL  Rack Size 1U  Form Factors Supported 1U Rackmount, OU Vertical Rackmount, Undercounter Installation Supported  Cord Retention Organizers Yes  External Site Ground Pin Yes  Adjustable Mounting Brackets 2 sets (L-short, L-long)  Dimensions (WxHxD) (in.) 17.5 x 1.75 x 1.5  Weight (lbs.) 4.0  ENVIRONMENTAL  Operating Temperature 32°F to 95°F / 0°C to 35°C
Cord Length  OUTPUT  Nominal Output Voltage  120V  Outlets - Total  0 Utlets - Front  0 Utlets - Front  0 Utlets - Rear  8 Overload Protection  PHYSICAL  Rack Size  1U  Form Factors Supported  1U Rackmount, OU Vertical Rackmount, Undercounter Installation Supported  Cord Retention Organizers  External Site Ground Pin  Adjustable Mounting Brackets  Dimensions (WxHxD) (in.)  17.5 x 1.75 x 1.5  Weight (lbs.)  4.0  ENVIRONMENTAL  Operating Temperature  120V  NEMA 5-20R  0  10  10  11  11  11  11  12  12  12
OUTPUT  Nominal Output Voltage  120V  Outlets - Total  8  Outlet Type  NEMA 5-20R  Outlets - Front  0  Outlets - Rear  8  Overload Protection  PHYSICAL  Rack Size  1U  Form Factors Supported  Undercounter Installation Supported  Cord Retention Organizers  Yes  External Site Ground Pin  Adjustable Mounting Brackets  Dimensions (WxHxD) (in.)  17.5 x 1.75 x 1.5  Weight (lbs.)  4.0  ENVIRONMENTAL  Operating Temperature  120V  10  10  10  10  10  10  10  10  10
Nominal Output Voltage  Outlets - Total  Outlet Type  NEMA 5-20R  Outlets - Front  Outlets - Rear  Overload Protection  PHYSICAL  Rack Size  1U  Form Factors Supported  Cord Retention Organizers  External Site Ground Pin  Adjustable Mounting Brackets  Dimensions (WxHxD) (in.)  ENVIRONMENTAL  8  NEMA 5-20R  0  0  1U  1U Rackmount, OU Vertical Rackmount, Undercounter Installation Supported  2 sets (L-short, L-long)  17.5 x 1.75 x 1.5  4.0  ENVIRONMENTAL  Operating Temperature  32°F to 95°F / 0°C to 35°C
Outlets - Total 8 Outlet Type NEMA 5-20R Outlets - Front 0 Outlets - Front 20A  PHYSICAL  Rack Size 1U  Form Factors Supported 1U Rackmount, OU Vertical Rackmount, Undercounter Installation Supported Cord Retention Organizers Yes External Site Ground Pin Yes Adjustable Mounting Brackets 2 sets (L-short, L-long) Dimensions (WxHxD) (in.) 17.5 x 1.75 x 1.5 Weight (lbs.) 4.0  ENVIRONMENTAL Operating Temperature 32°F to 95°F / 0°C to 35°C
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Outlets - Rear 8 Overload Protection 20A  PHYSICAL  Rack Size 1U  Form Factors Supported 1U Rackmount, OU Vertical Rackmount, Undercounter Installation Supported Undercounter Installation Supported 2  External Site Ground Pin Yes  Adjustable Mounting Brackets 2 sets (L-short, L-long)  Dimensions (WxHxD) (in.) 17.5 x 1.75 x 1.5  Weight (lbs.) 4.0  ENVIRONMENTAL  Operating Temperature 32°F to 95°F / 0°C to 35°C
Overload Protection 20A  PHYSICAL  Rack Size 1U  Form Factors Supported 1U Rackmount, 0U Vertical Rackmount, Undercounter Installation Supported  Cord Retention Organizers Yes  External Site Ground Pin Yes  Adjustable Mounting Brackets 2 sets (L-short, L-long)  Dimensions (WxHxD) (in.) 17.5 x 1.75 x 1.5  Weight (lbs.) 4.0  ENVIRONMENTAL  Operating Temperature 32°F to 95°F / 0°C to 35°C
PHYSICAL  Rack Size  1U  Form Factors Supported  Cord Retention Organizers  External Site Ground Pin  Adjustable Mounting Brackets  Dimensions (WxHxD) (in.)  ENVIRONMENTAL  Operating Temperature  1U Rackmount, OU Vertical Rackmount, Undercounter Installation Supported  2 Sets (L-short, L-long)  17.5 x 1.75 x 1.5  4.0  ENVIRONMENTAL  32°F to 95°F / 0°C to 35°C
Rack Size  1U  Form Factors Supported  1U Rackmount, OU Vertical Rackmount, Undercounter Installation Supported  Cord Retention Organizers  Yes  External Site Ground Pin  Adjustable Mounting Brackets  2 sets (L-short, L-long)  Dimensions (WxHxD) (in.)  17.5 x 1.75 x 1.5  Weight (lbs.)  4.0  ENVIRONMENTAL  Operating Temperature  32°F to 95°F / 0°C to 35°C
Form Factors Supported  1U Rackmount, OU Vertical Rackmount, Undercounter Installation Supported  Cord Retention Organizers  Yes  External Site Ground Pin  Adjustable Mounting Brackets  Dimensions (WxHxD) (in.)  17.5 x 1.75 x 1.5  Weight (lbs.)  4.0  ENVIRONMENTAL  Operating Temperature  32°F to 95°F / 0°C to 35°C
Cord Retention Organizers  External Site Ground Pin  Adjustable Mounting Brackets  Dimensions (WxHxD) (in.)  ENVIRONMENTAL  Operating Temperature  Undercounter Installation Supported  Yes  2 sets (L-short, L-long)  17.5 x 1.75 x 1.5  4.0  ENVIRONMENTAL  32°F to 95°F / 0°C to 35°C
External Site Ground Pin  Adjustable Mounting Brackets  Dimensions (WxHxD) (in.)  17.5 x 1.75 x 1.5  Weight (lbs.)  4.0  ENVIRONMENTAL  Operating Temperature  32°F to 95°F / 0°C to 35°C
Adjustable Mounting Brackets 2 sets (L-short, L-long)  Dimensions (WxHxD) (in.) 17.5 x 1.75 x 1.5  Weight (lbs.) 4.0  ENVIRONMENTAL  Operating Temperature 32°F to 95°F / 0°C to 35°C
Dimensions (WxHxD) (in.)         17.5 x 1.75 x 1.5           Weight (lbs.)         4.0           ENVIRONMENTAL         32°F to 95°F / 0°C to 35°C
Weight (lbs.)  ENVIRONMENTAL  Operating Temperature  4.0  32°F to 95°F / 0°C to 35°C
ENVIRONMENTAL  Operating Temperature 32°F to 95°F / 0°C to 35°C
Operating Temperature 32°F to 95°F / 0°C to 35°C
Operating Polative Humidity 0% - 95% pon-condensing
Operating relative numbers (0.0 = 30.0 Hone-condensing
Storage Temperature 5°F to 113°F / -15°C to 45°C
Maximum Operating Elevation 10,000 ft / 3,000 m
Maximum Storage Elevation 50,000 ft / 15,000 m
CERTIFICATIONS
Safety UL1363 certified by ETL (USA), CSA C22.2 (Canada)
Environmental RoHS Compliant
WARRANTY