

1.9kW Single-Phase Hot-Swap PDU, 120V 20A Outlets (4-5-15R, 4-5-15/20R) 2 5-20P, 10ft & 6ft Cords 2U Rack-Mount

MODEL NUMBER: PDUB20



Description

Tripp Lite's Hot-swap PDU systems enable live-replacement of standard UPS systems for maintenance with no interruption of connected server or networking loads. Dual input power cables support PDU connection to separate Utility and UPS power sources. Manual transfer switch with lighted status indicators controls the source of power to connected equipment between Utility and UPS. Set the switch to UPS during normal operation and connected equipment will receive full-time conditioned power from the UPS. Set the switch to Utility to momentarily power connected equipment from the Utility line cord and bypass the UPS while the UPS system is removed and replaced with a fresh one. Once the new UPS is up and running with all data and electrical connections restored, set the switch back to the UPS setting to once again provide fully-conditioned UPS power to connected equipment.

Features

- Tripp Lite Hot-swap PDU systems support live-replacement of standard UPS systems for maintenance with no interruption of connected server or networking loads
- PDUB20 is universally compatible with any Tripp Lite or other brand of 100-127V UPS rated up to 2600VA or 1920 watts with a NEMA 5-15P or 5-20P input cable
- 2U horizontal rackmount form factor compatible with 2 or 4 post racks
- Supports space saving rear-post mounting in the same rack space as many Tripp Lite Rackmount UPS systems (select installations, see manual)
- Pair of attached 5-20P PDU input cables connect to separate Utility and UPS power sources
- 4 5-15R and 4 5-15/20R outlets support critical networking loads in both Utility and UPS operating modes
- One additional 5-15/20R pass-through outlet supports UPS input power cord
- Dual input power cables support PDU connection to separate Utility and UPS power sources
- Manual transfer switch with lighted status indicators controls the source of power to connected equipment between Utility and UPS
- Set the switch to UPS during normal operation and connected equipment will receive full-time conditioned power from the UPS
- Set the switch to Utility to bypass the UPS and provide connected equipment with unfiltered power directly from the Utility line cord while the UPS system is removed and replaced with a fresh one
- Once the new UPS is up and running with all connections restored, set the switch back to the UPS setting to once again provide fully-conditioned UPS

Highlights

- Single phase 20A 120V Hot-swap PDU
- Enables live replacement of a standard UPS with zero downtime
- 2U horizontal rackmount installation
- Compatible with any UPS with a 5-15P or 5-20P input plug
- Manual transfer switch controls PDU input power source
- Pair of 5-20P input cables connect to separate Utility and UPS inputs
- 8 Built-in outlets (4 5-15R / 4 5-15/20R)

Package Includes

- Hot-swap PDU System
- 2U mounting brackets
- User manual with warranty information



power to connected equipment

- TAA Compliant Version Available - Order Tripp Lite PDUB20TAA

Specifications

OVERVIEW	
PDU Type	Hot-Swap
OUTPUT	
Output Watt Capacity (Watts)	1920
Output Capacity Details	2.03kW (127V), 1.92kW (120V), 1.6kW (100V) / 20A total capacity (Agency de-rated to 16A); 16A max per 5-15/20R outlet; 12A max per 5-15R outlet
Frequency Compatibility	50 / 60 Hz
Output Receptacles	(4) 5-15/20R; (4) 5-15R
Output Nominal Voltage	100; 120; 127
Overload Protection	n/a
INPUT	
PDU Input Voltage	100; 120; 127
Recommended Electrical Service	20A 120V
Maximum Input Amps	16
PDU Plug Type	NEMA 5-20P
Input Cord Length Details	Utility input cable (10 ft / 3m) / UPS input cable (6 ft / 1.8m)
Input Phase	Single-Phase
USER INTERFACE, ALERTS & CONTROLS	
Front Panel LEDs	Lighted indicators confirm UPS and Utility switch position and operating mode
Switches	Manual 2 position transfer switch offers fast switching between UPS and Utility operating modes in less than 6 milliseconds
PHYSICAL	
Minimum Required Rack Depth (inches)	8
Minimum Required Rack Depth (cm)	20.4
Shipping Dimensions (hwd / in.)	9.25 x 20.23 x 6.1
Shipping Dimensions (hwd / cm)	23.5 x 51.4 x 15.5
Shipping Weight (lbs.)	11
Shipping Weight (kg)	5



Unit Dimensions (hwd / in.)	3.42 x 17.32 x 3.03
Unit Dimensions (hwd / cm)	8.7 x 44 x 7.7
Unit Weight (lbs.)	7.7
Unit Weight (kg)	3.5
Material of Construction	Metal
Form Factors Supported	2U rackmount in 2 or 4 post racks
PDU Form Factor	1U; Horizontal
ENVIRONMENTAL	
Storage Temperature Range	5 to 122F (-15 to 50C)
Relative Humidity	5-95% non condensing
Operating Elevation (ft.)	0-10,000
Operating Elevation (m)	0-3000
CERTIFICATIONS	
TAA Compliant Option	TAA Compliant Version Available - Order Tripp Lite PDUB20TAA
Certifications	Tested to UL60950 (USA), CSA (Canada)
WARRANTY	
Product Warranty Period (Worldwide)	2-year limited warranty

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<https://www.tripplite.com/products/product-certification-agencies>