

Single-Phase Hot-Swap PDU, 1.9kW 20A 120V, 2U Horizontal Rackmount, 4 NEMA 5-15R & 4 NEMA 5-15/20R outlets, 2 NEMA 5-20P input plugs

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

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)

Applications

Hot-swap PDUs are ideal to install along with standard UPS systems to ensure that connected networking equipment will see no power interruption as the UPS is serviced, replaced or upgraded

Package Includes

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



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 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	1.9kW (120V input), 2.0kW (127V input), 1.6kW (100V input); 20A maximum (Agency de-rated to 16A continuous)
Frequency compatibility	50 / 60 Hz
Output nominal voltage	100-127V nominal, single phase
Outlet quantity / type	4 NEMA 5-15R and 4 5-15/20R outlets support critical connected loads; 1 designated pass-through 5-15/20R outlet supports UPS 5-20P input plug (also supports UPS systems with 5-15P input connection)
Outlet Type	NEMA 5-15/20R
INPUT	
PDU Input Voltage	100; 120; 127
Maximum Input Amps (A)	16
PDU Plug Type	NEMA 5-20P
Input cord length details	Utility input cable (10 ft / 3m) / UPS input cable (6 ft / 1.8m)
Phase	Single-Phase
LEDS ALARMS & SWITCHES	
Switches	Manual 2 position transfer switch offers fast switching between UPS and Utility operating modes in less than 6 milliseconds
Front panel LEDs	Lighted indicators confirm UPS and Utility switch position and operating mode
PHYSICAL	
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



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Unit weight (lbs)	7.7
Unit weight (kg)	3.5
Material of construction	Steel
Style	Rackmount
Form factors supported	2U rackmount in 2 or 4 post racks
PDU Form Factor	Horizontal (1U, 2U, etc)
ENVIRONMENTAL	
Relative Humidity	0-95% non condensing
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

Related Items

Optional Products

Model Number	Description	Qty.
P012-006	6-ft. Notebook Power cord (NEMA 1-15P to IEC-320-C7)	1
P007-002	2-ft. Heavy-Duty 14AWG Power cord (IEC-320-C13 to NEMA 5-15P)	1
P007-006	6-ft. Heavy-Duty 14AWG Power cord (IEC-320-C13 to NEMA 5-15P)	1
P007-010	10-ft. Heavy-Duty 14AWG Power cord (IEC-320-C13 to NEMA 5-15P)	1
P010-012	12-ft. 18AWG Power cord (NEMA 5-15P to IEC-320-C13)	1
P022-001	1-ft. 18AWG Power Extension cord (NEMA 5-15R to NEMA 5-15P)	1
P023-001	1-ft. 14AWG Power Adapter cord (NEMA L5-15R to NEMA 5-15P)	1
P034-010	10-ft. 14AWG Heavy Duty Power cord (IEC-320-C19 to NEMA 5-15P)	1
P044-061	6-inch 12AWG Heavy Duty Power Adapter cord (NEMA-L5-20R to NEMA-5-20P)	1
P049-010	10-ft. 12AWG Heavy Duty Power cord (IEC-320-C19 to NEMA 5-20P)	1



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More information, including related products, owner's manuals, and additional technical specifications, can be found online at:
<http://www.tripplite.com/sku/PDUB20>.

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