

# 1.9kW Single-Phase Hot-Swap PDU, 100-120V Outlets (4-5-15R, 4-5-15/20R) 2 5-20P, 10 ft. (3.05 m) & 6 ft. (1.83 m) Cords 2U Rack-Mount

MODEL NUMBER: PDUB20



## 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 100-120V 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 power to connected equipment

## Highlights

- Single phase 16A 100-120V 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

## Specifications

| OVERVIEW |              |
|----------|--------------|
| UPC Code | 037332153883 |
| PDU Type | Hot-Swap     |



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| INPUT                                |                                                                                                                                  |
|--------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Input Phase                          | Single-Phase                                                                                                                     |
| PDU Input Voltage                    | 100; 120                                                                                                                         |
| Recommended Electrical Service       | Works with most 2000 & 2200VA 100-120V UPS systems                                                                               |
| Maximum Input Amps                   | 16                                                                                                                               |
| Maximum Input Amps Details           | Agency de-rated to 16A continuous                                                                                                |
| PDU Plug Type                        | NEMA 5-20P                                                                                                                       |
| Input Cord Details                   | Utility input cable (10 ft / 3m) / UPS input cable (6 ft / 1.8m)                                                                 |
| Input Cord Length (ft.)              | 10                                                                                                                               |
| Input Cord Length (m)                | 3.05                                                                                                                             |
| OUTPUT                               |                                                                                                                                  |
| Output Capacity (Watts)              | 1920                                                                                                                             |
| Output Capacity Details              | 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               | 100-120V                                                                                                                         |
| 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      |
| SURGE / NOISE SUPPRESSION            |                                                                                                                                  |
| Automatic Shut-Off                   | No                                                                                                                               |
| PHYSICAL                             |                                                                                                                                  |
| Material of Construction             | Metal                                                                                                                            |
| Form Factors Supported               | 2U rackmount in 2 or 4 post racks                                                                                                |
| Minimum Required Rack Depth (cm)     | 20.32                                                                                                                            |
| Minimum Required Rack Depth (inches) | 8                                                                                                                                |
| PDU Form Factor                      | Horizontal (2U)                                                                                                                  |
| Shipping Dimensions (hwd / in.)      | 12.40 x 6.00 x 20.00                                                                                                             |
| Shipping Dimensions (hwd / cm)       | 31.50 x 15.24 x 50.80                                                                                                            |
| Shipping Weight (lbs.)               | 8.50                                                                                                                             |
| Shipping Weight (kg)                 | 3.86                                                                                                                             |
| Unit Dimensions (hwd / in.)          | 3.420 x 17.320 x 3.030                                                                                                           |



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|                                      |                                  |
|--------------------------------------|----------------------------------|
| Unit Dimensions (hwd / cm)           | 8.7 x 44 x 7.7                   |
| Unit Weight (lbs.)                   | 7.70                             |
| Unit Weight (kg)                     | 3.49                             |
| <b>ENVIRONMENTAL</b>                 |                                  |
| Operating Temperature Range          | 0C ~ 40C (32F ~ 104F)            |
| Storage Temperature Range            | -30°C to +50°C (-22°F to +122°F) |
| Relative Humidity                    | 5-95% non condensing             |
| Operating Elevation                  | 0-10,000                         |
| <b>FEATURES &amp; SPECIFICATIONS</b> |                                  |
| High Availability PDU Features       | Manual Hot-Swap Bypass           |
| <b>WARRANTY &amp; SUPPORT</b>        |                                  |
| Product Warranty Period (Worldwide)  | 2-year limited warranty          |

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