

# **OVERVIEW**

Upgradeable Metered rPDUs provide reliable power distribution to critical IT equipment within a rack or cabinet while delivering a view of real-time view of power usage from a local LED display.

#### **Benefits**

- With the PowerIT Upgradeable hotswap technology, users may easily transform metered rPDUs to monitored rPDUs with the addition of the appropriate Interchangeable Monitoring Device (IMD).
- Avoid accidental overloads when deploying or moving critical server equipment with instant access to power consumption metrics on the local digital display.
- Every unit is 100% tested for reliability and functionality.
- Simple and convenient configuration options for cord lengths and chassis colors.





## Part #: I10113

Model Number: MN01D1R1-08D203-3TL5A0H10-S

Category: Metered

Sub Category: Upgradeable

Power Configuration: 30A, 120V, 2.8kW

Physical Configuration: 19in / 483mm, Horizontal

Product Summary: rPDU, Metered Upgradeable, 30A, 120V, 2.8kW, Horizontal, (8) NEMA 5-20R, 10ft

power cord with L5-30P, Black Powder Coat.

Monitoring: Input and Breaker level current monitoring. Local high visibility LED display.

#### Plug Form: Receptacle:



L5-30P





NEMA 5-20R (Quantity: 8)

### **Chassis Color Options:**



To discuss color options, contact your local sales representative.

## **Product Specification and Options**

### **System Features**

| System Features                       |                                                                                                     |
|---------------------------------------|-----------------------------------------------------------------------------------------------------|
| Monitoring                            | Input and Breaker level current monitoring. Local high visibility<br>LED display.                   |
| Monitoring Level 1                    | Phase (A) Monitoring (kWh, W, VA, PF, V, A)                                                         |
|                                       | Power Measurements Compliant with ANSI C12.1 and IEC 62053-<br>21 at 1% Accuracy Class Requirements |
| Monitoring Level 2                    | Circuit / Breaker Monitoring (A)                                                                    |
|                                       | Circuit/Breaker Current Measurements Independently Tested and Verified at 2% Accuracy               |
| Quantity Of Inputs                    | 1                                                                                                   |
| Voltage                               | 100-120V                                                                                            |
| Current                               | 30A                                                                                                 |
| VA per Input (Load Capacity)          | 2.8kW (120V)                                                                                        |
| Frequency                             | 50/60Hz                                                                                             |
| Over Current Protection               | (2) 20A Single Pole Magnetic Breakers                                                               |
| Switch                                | Breaker/Switch Combination                                                                          |
| Scrolling / Rotatable Digital Display | Yes                                                                                                 |
| Power Cable Wire Gauge                | 10/3                                                                                                |
| Power Cable Length                    | 10ft / 3m                                                                                           |
| Power Entry Location                  | Rear                                                                                                |
| Plug Type                             | NEMA L5-30P Twistlock                                                                               |
| Receptacle/Socket Type #1             | NEMA 5-20R                                                                                          |
| - Quantity on Rear                    | 8                                                                                                   |
| - Quantity per Breaker                | 4                                                                                                   |
| - Style                               | Duplex                                                                                              |
| - Voltage per Receptacle/Socket       | 120V                                                                                                |
| Internal RMS Voltage Sensor           | Yes                                                                                                 |
| Internal RMS Current Sensor           | Yes                                                                                                 |
| Maximum Operating Temperature         | 60C / 140F                                                                                          |
| Heavy Steel - Powder Coat Finish      | Black                                                                                               |
| Configuration                         | 1U                                                                                                  |
| Adjustable Mount Brackets             | Yes                                                                                                 |
| Country of Origin                     | USA, TAA Compliant and Buy American Act COTS Compliant                                              |
| Product Warranty                      | 5-year limited warranty                                                                             |
|                                       |                                                                                                     |
| Certification/Agency Approvals        | UL & c-UL Listed 62368-1                                                                            |

| Certification/Agency Approvals | FCC Part 15 Class A Conformance |
|--------------------------------|---------------------------------|
| Chassis Dimensions (HxWxD)     | 1.72in x 17in x 8.5in           |
| Shipped Weight                 | 15lbs (6.8kg)                   |