## OVERVIEW

Upgradeable Unit Level EC Monitored rPDUs provide reliable power distribution to critical IT equipment while delivering a comprehensive view of input level power usage via remote network access. Includes environmental monitoring capabilities to obtain real-time environmental metrics. Upgrade the hot-swappable monitoring device on select units to leverage new technologies and accommodate changing business needs.

### Benefits

- Reliable power distribution with local and remote power monitoring options offer quick access to critical power usage information to evaluate energy usage trends and maximize uptime.

- Environmental monitoring capabilities with the addition of optional environmental sensors ensure users have critical infrastructure data at their fingertips to prevent climate-related equipment failure and system downtime.

- Fault-Tolerant Daisy Chaining with RSTP simplifies intelligent rPDU connectivity and ensures data is reported even when a breakin the network chain occurs. Supports up to 40 rPDUs.

- Every unit is 100% tested for reliability and functionality.



## Part #: VP7811B

**Model Number:** MN03E2R1-16IB48-3TL6A0H10-S
**Category:** Monitored
**Sub Category:** Unit Level EC
**Power Configuration:** 30A, 208V, 4.9kW
**Physical Configuration:** 19in / 483mm, Horizontal

**Product Summary:**     rPDU, Monitored Unit Level EC, 30A, 208V, 4.9kW, Horizontal, (12) IEC C13, (4) IEC C19, 10ft power cord with L6-30P, Black Powder Coat.

**Monitoring:**     Input power monitoring with breaker level current monitoring. Environmental monitoring via optional remote sensors. Daisy chain Ethernet connectivity. Local high visibility LED display.

**Plug Form:**



L6-30P

**Receptacle:**



IEC C13
(Quantity: 12)



IEC C19
(Quantity: 4)

**Chassis Color Options:**

## Product Specification and Options

### System Features

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|---|---|
| **Monitoring** | Input power monitoring with breaker level current monitoring. Environmental monitoring via optional remote sensors. Daisy chain Ethernet connectivity. Local high visibility LED display. |
| **Monitoring Level 1** | Phase (A) Monitoring (kWh, W, VA, PF, V, A) <br><br> Power Measurements Compliant with ANSI C12.1 and IEC 62053-21 at 1% Accuracy Class Requirements |
| **Monitoring Level 2** | Circuit / Breaker Monitoring (A) <br><br> Circuit/Breaker Current Measurements Independently Tested and Verified at 2% Accuracy |
| **Quantity Of Inputs** | 1 |
| **Voltage** | 200-240V |
| **Current** | 30A |
| **VA per Input (Load Capacity)** | 4.9kW (208V) |
| **Frequency** | 50/60Hz |
| **Over Current Protection** | (2) 20A Double 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** | Left Rear |
| **Plug Type** | NEMA L6-30P Twistlock |
| **Combined Total Receptacle/Socket Quantity** | 16 |
| **Receptacle/Socket Type #1** | IEC C13 |
| **- Quantity on Rear** | 12 |
| **- Quantity per Breaker** | 6 |
| **- Style** | Banks of 3 |
| **- Voltage per Receptacle/Socket** | 208V |
| **Receptacle/Socket Type #2** | IEC C19 |
| **- Quantity on Rear** | 4 |
| **- Quantity per Breaker** | 2 |
| **- Style** | Individual |
| **- Voltage per Receptacle/Socket** | 208V |
| **Internal RMS Voltage Sensor** | Yes |
| **Internal RMS Current Sensor** | Yes |
| **Network Connection** | Dual 10/100/1000Mbps Ethernet |
| **Protocols Supported** | DHCP, HTTP, HTTPS, IPv4, IPv6, LDAP, NTP, RADIUS, RSTP, SSH, SMTP, SNMP (v1/v2c/v3), Syslog, TACACS+ |
| **Data Access Formats** | CSV datalog, JSON API, JSON datalog |

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|---|---|
| **USB Support** | Yes |
| **IP Reset Button** | Yes |
| **Hard Reboot Button** | Yes |
| **Serial Connection** | RS232 via RJ45 |
| **Remote Sensor RJ Connection Jacks** | 1 (Supports up to 16 Sensors) |
| **Maximum Operating Temperature** | 60C / 140F |
| **Heavy Steel - Powder Coat Finish** | Black |
| **Configuration** | 2U |
| **19in Recess Mount** | Yes |
| **Country of Origin** | USA, TAA Compliant and Buy American Act COTS Compliant |
| **Product Warranty** | 5-year limited warranty if registered within 120 days of purchase, otherwise warranty defaults to 3 years |
| **Certification/Agency Approvals** | FCC Part 15 Class A Conformance |
| **Certification/Agency Approvals** | RoHS Compliant |
| **Certification/Agency Approvals** | UL & c-UL Listed 62368-1 |
| **Chassis Dimensions (HxWxD)** | 3.4in x 17in x 9in |
| **Shipped Weight** | 14lbs (6.35kg) |