

## 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.
- Gather comprehensive power data at the palm of your hand with the use of the Vertiv VLC mobile app.
- Fault-Tolerant Daisy Chaining with RSTP simplifies intelligent rPDU connectivity and ensures data is reported even when a break in 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:

VP7811B - 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:



To discuss color options, contact your local sales representative.

## Product Specification and Options

### System Features

<b>Monitoring</b>	Input power monitoring with breaker level current monitoring. Environmental monitoring via optional remote sensors. Daisy chain Ethernet connectivity. Local high visibility LED display.
<b>Monitoring Level 1</b>	Phase (A) Monitoring (kWh, W, VA, PF, V, A)  Power Measurements Compliant with ANSI C12.1 and IEC 62053-21 at 1% Accuracy Class Requirements
<b>Monitoring Level 2</b>	Circuit / Breaker Monitoring (A)  Circuit/Breaker Current Measurements Independently Tested and Verified at 2% Accuracy
<b>VLC Support</b>	Yes
<b>Quantity Of Inputs</b>	1
<b>Voltage</b>	200-240V
<b>Current</b>	30A
<b>VA per Input (Load Capacity)</b>	4.9kW (208V)
<b>Frequency</b>	50/60Hz
<b>Over Current Protection</b>	(2) 20A Double Pole Magnetic Breakers
<b>Switch</b>	Breaker/Switch Combination
<b>Scrolling / Rotatable Digital Display</b>	Yes
<b>Power Cable Wire Gauge</b>	10/3
<b>Power Cable Length</b>	10ft
<b>Power Entry Location</b>	Left Rear
<b>Plug Type</b>	NEMA L6-30P Twistlock
<b>Combined Total Receptacle/Socket Quantity</b>	16
<b>Receptacle/Socket Type #1</b>	IEC C13
- Quantity on Rear	12
- Quantity per Breaker	6
- Style	Banks of 3
- Voltage per Receptacle/Socket	208V
<b>Receptacle/Socket Type #2</b>	IEC C19
- Quantity on Rear	4
- Quantity per Breaker	2
- Style	Individual
- Voltage per Receptacle/Socket	208V
<b>Internal RMS Voltage Sensor</b>	Yes
<b>Internal RMS Current Sensor</b>	Yes
<b>Network Connection</b>	Dual 10/100Mbps Ethernet
<b>Protocols Supported</b>	DHCP, HTTP, HTTPS, IPv4, IPv6, LDAP, NTP, RADIUS, RSTP, SSH, SMTP, SNMP (v1/v2c/v3), Syslog, TACACS+
<b>Data Access Formats</b>	CSV datalog, JSON API, JSON datalog
<b>USB Support</b>	Yes
<b>IP Reset Button</b>	Yes
<b>Hard Reboot Button</b>	Yes
<b>Serial Connection</b>	RS232 via RJ45

<b>Remote Sensor RJ Connection Jacks</b>	1 (Supports up to 16 Sensors)
<b>Maximum Operating Temperature</b>	60C / 140F
<b>Heavy Steel - Powder Coat Finish</b>	Black
<b>Configuration</b>	2U
<b>19in Recess Mount</b>	Yes
<b>Made in the USA</b>	Yes, TAA Compliant
<b>Product Warranty</b>	5-year limited warranty if registered within 120 days of purchase, otherwise warranty defaults to 3 years
<b>Certification/Agency Approvals</b>	FCC Part 15 Class A Conformance
<b>Certification/Agency Approvals</b>	RoHS Compliant
<b>Certification/Agency Approvals</b>	UL & c-UL Listed 60950
<b>Chassis Dimensions (HxWxD)</b>	3.4in x 17in x 9in
<b>Shipped Weight</b>	14lbs (6.35kg)