# Vertiv<sup>™</sup> PowerIT rPDU



## **OVERVIEW**

Upgradeable Unit Level 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 realtime 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.
- Daisy-chain up to 50 devices on a single IP address and reduce deployment time with selfconfiguration of downstream devices.

## Part #: VP4N30A4

Model Number: MN05M4B1-36IT68-3TL6A0A10-S Category: Monitored Sub Category: Unit Level Power Configuration: 30A, 208V, 4.9kW Physical Configuration: 66in / 1683mm, Vertical

**Product Summary:** 

rPDU, Monitored Unit Level EC, 30A, 208V, 4.9kW, Vertical, (30) IEC C13, (6) 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 display.

### Plug Form:



L6-30P



**Receptacle:** 



(Quantity: 6)

#### **Chassis Color Options:**



To discuss color options, contact your local sales representative.

(Quantity: 30)

#### **Product Specification and Options**

System Features

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	Input power monitoring with breaker level current monitoring. Environmental monitoring via optional remote sensors. Daisy chain Ethernet connectivity. Local high visibility display.
Monitoring Level 1	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
Monitoring Level 2	Circuit/Breaker Monitoring (A)
	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
LCD Touchscreen Display / Auto Oriented	Yes
Power Cable Wire Gauge	10/3
Power Cable Length	10ft / 3m
Power Entry Location	Bottom Front
Plug Type	NEMA L6-30P Twistlock
Combined Total Receptacle/Socket Quantity	36
Receptacle/Socket Type #1	IEC C13
	IEC C13 30
- Quantity on Face	
- Quantity on Face	30
- Quantity on Face	30 15
- Quantity on Face	30 15 Banks of 5
- Quantity on Face	30 15 Banks of 5 208V
- Quantity on Face  - Quantity per Breaker Pair  - Style  - Voltage per Receptacle/Socket  Receptacle/Socket Type #2  - Quantity on Face	30 15 Banks of 5 208V IEC C19
- Quantity on Face  - Quantity per Breaker Pair  - Style  - Voltage per Receptacle/Socket  Receptacle/Socket Type #2  - Quantity on Face  - Quantity per Breaker Pair	30 15 Banks of 5 208V IEC C19 6
- Quantity on Face  - Quantity per Breaker Pair  - Style  - Voltage per Receptacle/Socket  Receptacle/Socket Type #2  - Quantity on Face  - Quantity per Breaker Pair  - Style	30 15 Banks of 5 208V IEC C19 6 3
Quantity on Face     Quantity per Breaker Pair     Style     Voltage per Receptacle/Socket     Quantity on Face     Quantity per Breaker Pair     Style     Voltage per Receptacle/Socket	30 15 Banks of 5 208V IEC C19 6 3 Individual
<ul> <li>Quantity on Face</li> <li>Quantity per Breaker Pair</li> <li>Style</li> <li>Voltage per Receptacle/Socket</li> <li>Receptacle/Socket Type #2</li> <li>Quantity on Face</li> <li>Quantity per Breaker Pair</li> <li>Style</li> <li>Voltage per Receptacle/Socket</li> <li>Internal RMS Voltage Sensor</li> </ul>	30 15 Banks of 5 208V IEC C19 6 3 Individual 208V
<ul> <li>Quantity on Face</li> <li>Quantity per Breaker Pair</li> <li>Style</li> <li>Voltage per Receptacle/Socket</li> <li>Receptacle/Socket Type #2</li> <li>Quantity on Face</li> <li>Quantity per Breaker Pair</li> <li>Style</li> <li>Voltage per Receptacle/Socket</li> <li>Internal RMS Voltage Sensor</li> <li>Internal RMS Current Sensor</li> </ul>	30 15 Banks of 5 208V IEC C19 6 3 Individual 208V Yes
- Quantity on Face       :         - Quantity per Breaker Pair       :         - Style       :         - Voltage per Receptacle/Socket       :         Receptacle/Socket Type #2       :         - Quantity on Face       :         - Quantity per Breaker Pair       :         - Quantity per Breaker Pair       :         - Style       :         - Voltage per Receptacle/Socket       :         Internal RMS Voltage Sensor       :         Internal RMS Current Sensor       :         Network Connection       :         Protocols Supported       :	30 15 Banks of 5 208V IEC C19 6 3 Individual 208V Yes Yes
- Quantity on Face       :         - Quantity per Breaker Pair       :         - Style       :         - Voltage per Receptacle/Socket       :         Receptacle/Socket Type #2       :         - Quantity on Face       :         - Quantity per Breaker Pair       :         - Quantity per Breaker Pair       :         - Style       :         - Voltage per Receptacle/Socket       :         Internal RMS Voltage Sensor       :         Internal RMS Current Sensor       :         Network Connection       :         Protocols Supported       :	30 15 Banks of 5 208V IEC C19 6 3 Individual 208V Yes Yes Dual 10/100/1000Mbps Ethernet DHCP, HTTP, HTTPS, IPv4, IPv6, LDAP, NTP, RADIUS, RSTP,
- Quantity on Face       :         - Quantity per Breaker Pair       :         - Style       :         - Voltage per Receptacle/Socket       :         Receptacle/Socket Type #2       :         - Quantity on Face       :         - Quantity per Breaker Pair       :         - Quantity per Breaker Pair       :         - Quantity per Breaker Pair       :         - Voltage per Receptacle/Socket       :         Internal RMS Voltage Sensor       :         Internal RMS Current Sensor       :         Network Connection       :         Protocols Supported       :         Data Access Formats       :	30 15 Banks of 5 208V IEC C19 6 3 Individual 208V Yes Yes Dual 10/100/1000Mbps Ethernet DHCP, HTTP, HTTPS, IPv4, IPv6, LDAP, NTP, RADIUS, RSTP, SSH, SMTP, SNMP (v1/v2c/v3), Syslog, TACACS+, Modbus TCP
- Quantity on Face       :         - Quantity per Breaker Pair       :         - Style       :         - Voltage per Receptacle/Socket       :         Receptacle/Socket Type #2       :         - Quantity on Face       :         - Quantity per Breaker Pair       :         - Quantity per Breaker Pair       :         - Quantity per Breaker Pair       :         - Style       :         - Voltage per Receptacle/Socket       :         Internal RMS Voltage Sensor       :         Internal RMS Current Sensor       :         Network Connection       :         Protocols Supported       :         USB Support       :	30 15 Banks of 5 208V IEC C19 6 3 Individual 208V Yes Yes Dual 10/100/1000Mbps Ethernet DHCP, HTTP, HTTPS, IPv4, IPv6, LDAP, NTP, RADIUS, RSTP, SSH, SMTP, SNMP (v1/v2c/v3), Syslog, TACACS+, Modbus TCP CSV datalog, JSON API, JSON datalog
- Quantity on Face       :         - Quantity per Breaker Pair       :         - Style       :         - Voltage per Receptacle/Socket       :         Receptacle/Socket Type #2       :         - Quantity on Face       :         - Quantity per Breaker Pair       :         - Quantity per Breaker Pair       :         - Quantity per Breaker Pair       :         - Style       :         - Voltage per Receptacle/Socket       :         Internal RMS Voltage Sensor       :         Internal RMS Current Sensor       :         Network Connection       :         Protocols Supported       :         USB Support       :         IP Reset Button       :	30 30 30 30 30 30 35 Banks of 5 208V IEC C19 6 6 3 1ndividual 208V Yes Yes Dual 10/100/1000Mbps Ethernet DHCP, HTTP, HTTPS, IPv4, IPv6, LDAP, NTP, RADIUS, RSTP, SSH, SMTP, SNMP (v1/v2c/v3), Syslog, TACACS+, Modbus TCP CSV datalog, JSON API, JSON datalog Yes
- Quantity on Face       :         - Quantity per Breaker Pair       :         - Style       :         - Voltage per Receptacle/Socket       :         Receptacle/Socket Type #2       :         - Quantity on Face       :         - Quantity per Breaker Pair       :         - Voltage per Receptacle/Socket       :         Internal RMS Voltage Sensor       :         Internal RMS Current Sensor       :         Network Connection       :         Protocols Supported       :         USB Support       :         IP Reset Button       :         Hard Reboot Button       :	30 30 15 Banks of 5 208V IEC C19 6 3 Individual 208V Yes Yes Dual 10/100/1000Mbps Ethernet DHCP, HTTP, HTTPS, IPv4, IPv6, LDAP, NTP, RADIUS, RSTP, SSH, SMTP, SNMP (v1/v2c/v3), Syslog, TACACS+, Modbus TCP CSV datalog, JSON API, JSON datalog Yes

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Maximum Operating Temperature	60C / 140F
Heavy Steel - Powder Coat Finish	Black
Configuration	66in / 1683mm Vertical Rackmount
7938 Vertical Mounting Bracket Kit	Yes
Toolless Mounting Hardware - Center to Center Spacing	61.25in and 64.75in
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	RoHS Compliant
Certification/Agency Approvals	FCC Part 15 Class A Conformance
Chassis Dimensions (LxWxD)	66.25in x 2.0in x 2.0in
Shipped Weight	16lbs (7.26kg)

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