

# VERTIV™ VP4551V RACK PDU

Monitored, Outlet Level EC



## OVERVIEW

The Monitored PDU offers real-time power consumption metrics and Email & SNMP alarming at each outlet for voltage, real power, apparent power, power factor, amperage and kilowatt hours at the rack and via secure web interface. The PDU offers important insights enabling the user to balance loads, evaluate energy usage trends, and ensure maximum uptime.

### Benefits

- Improve efficiency and reduce energy costs
- Manage and optimize power capacity
- Prevent downtime
- Reduce cost of ownership and optimize ROI

### Part Number:

VP4-551V Monitored, Outlet Level EC

### Power Configuration:

60A, 208V Delta, 17.2kW

### Physical Configuration:

70 in / 1778 mm Vertical

### Product Summary:

VP4551V - Monitored, Outlet Level EC, Upgradeable, 60A, 208V DELTA, 3 Phase, Vertical, (12) Locking IEC C13, (12) Locking IEC C19, Alternating Phase/Circuits, breakered, 10 ft / 3m power cord with 3P+E (IP67), Input and Outlet power monitoring. Circuit/Breaker current monitoring. Environmental monitoring via optional remote sensors. Daisy chain Ethernet connectivity. Local high visibility LED display. Black Powder Coat.

## Specifications and Options

<b>Monitoring</b>	Input and Outlet power monitoring. Circuit/Breaker current monitoring. Environmental monitoring via optional remote sensors. Daisy chain Ethernet connectivity. Local high visibility LED display.
<b>Input Monitoring</b>	Total Unit Monitoring (kWh, W, VA, PF) Phase (AB, BC, CA) Monitoring (kWh, W, VA, PF, V, A) Line (A, B, C) Monitoring (A)
<b>Circuit Monitoring</b>	Power Measurements Compliant with ANSI C12.1 and IEC 62053-21 at 1% Accuracy Class Requirements  Circuit / Breaker Monitoring (A)  Circuit/Breaker Current Measurements Independently Tested and Verified at 2% Accuracy
<b>Outlet Monitoring</b>	Outlet Monitoring (kWh, W, VA, PF, V, A)  Power Measurements Compliant with ANSI C12.1 and IEC 62053-21 at 1% Accuracy Class Requirements.
<b>VLC Support</b>	Yes
<b>Quantity Of Inputs</b>	1
<b>Voltage</b>	200-240V Delta
<b>Current</b>	60A x 3 Phase DELTA
<b>VA per Input (Load Capacity)</b>	17.2kW (208V)
<b>Frequency</b>	50/60 Hz
<b>Over Current Protection</b>	(6) 20A Double Pole Magnetic Breakers (10kAIC Rated)
<b>Switch</b>	Breaker/Switch Combination
<b>Scrolling / Rotatable Digital Display</b>	Yes
<b>Indicators - LED(s)</b>	24
<b>Power Cable Wire Gauge</b>	4/4
<b>Power Cable Length</b>	10ft / 3m
<b>Power Entry Location</b>	Bottom Front
<b>Plug Type</b>	IEC60309 3P + E, 60A, Watertight IP67
<b>Combined Total Receptacle/Socket Quantity</b>	24
<b>Alternating Phase/Circuits</b>	Yes

## Specifications and Options (cont'd)

<b>Receptacle/Socket Type #1</b>	U-Lock IEC C13
- Quantity on Face	12
- Quantity per Breaker	2
- Quantity per Phase Combination	4
- U-Lock Color ID	6 Circuit = Orange, Green, Blue, Light Orange, Light Green, Light Blue
- Style	Individual
- Voltage per Receptacle/Socket	208V
<b>Receptacle/Socket Type #2</b>	U-Lock IEC C19
- Quantity on Face	12
- Quantity per Breaker	2
- Quantity per Phase Combination	4
- U-Lock Color ID	6 Circuit = Orange, Green, Blue, Light Orange, Light Green, Light Blue
- Style	Individual
- Voltage per Receptacle/Socket	208V
<b>Network Connection</b>	Dual 10/100Mbps Ethernet
<b>Protocols Supported</b>	DHCP, HTTP, HTTPS, IPv4, IPv6, LDAP, NTP, RSTP, SSH, SMTP, SNMP (v1/v2c/v3), Syslog
<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>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>	Zero U
<b>7938 Vertical Mounting Bracket Kit</b>	Yes
<b>Toolless Mounting Hardware - Center to Center Spacing</b>	61.25in and 64.75in / 1556mm and 1645mm
<b>Made in the USA</b>	Yes
<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>	RoHS Compliant
<b>Certification/Agency Approvals</b>	UL & c-UL Listed 60950
<b>Certification/Agency Approvals</b>	FCC Part 15 Class A Conformance
<b>Chassis Dimensions (LxWxD)</b>	70in x 2.25in x 2.6in / 1778mm x 58mm x 66mm
<b>Doghouse (D)</b>	1.4in / 36mm

