

# VERTIV™ GEIST™ VP8886 RACK PDU

Monitored, Unit Level EC



## OVERVIEW

The Monitored PDU offers real-time power consumption metrics and Email & SNMP alarming 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:

VP8886 Monitored, Unit Level EC

### Power Configuration:

32A, 230/400V WYE, 22.0kW

### Physical Configuration:

72in / 1829mm Vertical

### Product Summary: VP8886 —

Monitored, Unit Level EC, Upgradeable, 32A, 230/400V WYE, 3 Phase, Vertical, (30) IEC C13, (12) IEC C19, breakered, 3m power cord with 3P+N+E (IP44), Input and per Phase power monitoring with 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

|                                           |                                                                                                                                                                                                           |
|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Monitoring                                | Input and per Phase power monitoring with Circuit/Breaker current monitoring. Environmental monitoring via optional remote sensors. Daisy chain Ethernet connectivity. Local high visibility LED display. |
| Monitoring Level 1                        | Aggregate - Total Unit Monitoring (kWh, W, VA, PF)<br>Power Measurements Compliant with ANSI C12.1 and IEC 62053-21 at 1% Accuracy Class Requirements                                                     |
| Monitoring Level 2                        | Phase (A, B, C) Monitoring (kWh, W, VA, PF, V, A)<br>Power Measurements Compliant with ANSI C12.1 and IEC 62053-21 at 1% Accuracy Class Requirements                                                      |
| Monitoring Level 3                        | Circuit / Breaker Monitoring (A)<br>Circuit/Breaker Current Measurements Independently Tested and Verified at 2% Accuracy                                                                                 |
| VLC Support                               | Yes                                                                                                                                                                                                       |
| Quantity Of Inputs                        | 1                                                                                                                                                                                                         |
| Voltage                                   | 230/400V WYE                                                                                                                                                                                              |
| Current                                   | 32A x 3 Phase WYE                                                                                                                                                                                         |
| VA per Input (Load Capacity)              | 22.0kW                                                                                                                                                                                                    |
| Frequency                                 | 50/60 Hz                                                                                                                                                                                                  |
| Over Current Protection                   | (6) 16A Single Pole Magnetic Breakers                                                                                                                                                                     |
| Switch                                    | Breaker/Switch Combination                                                                                                                                                                                |
| Scrolling / Rotatable Digital Display     | Yes                                                                                                                                                                                                       |
| Power Cable Wire Gauge                    | 6mm² H07RN-F                                                                                                                                                                                              |
| Power Cable Length                        | 3m                                                                                                                                                                                                        |
| Power Entry Location                      | Bottom Front                                                                                                                                                                                              |
| Plug Type                                 | IEC60309 3P + N + E, 32A, 230/400V, Splashproof IP44                                                                                                                                                      |
| Combined Total Receptacle/Socket Quantity | 42                                                                                                                                                                                                        |
| Receptacle/Socket Type #1                 | IEC C13                                                                                                                                                                                                   |
| - Quantity on Face                        | 30                                                                                                                                                                                                        |
| - Quantity per Breaker                    | 5                                                                                                                                                                                                         |
| - Quantity per Phase                      | 10                                                                                                                                                                                                        |
| - Style                                   | Banks of 5                                                                                                                                                                                                |
| - Voltage per Receptacle/Socket           | 230V                                                                                                                                                                                                      |

## Specifications and Options (cont'd)

|                                                              |                                                                                                                    |
|--------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| <b>Receptacle/Socket Type #2</b>                             | IEC C19                                                                                                            |
| - Quantity on Face                                           | 12                                                                                                                 |
| - Quantity per Breaker                                       | 2                                                                                                                  |
| - Quantity per Phase                                         | 4                                                                                                                  |
| - Style                                                      | Individual                                                                                                         |
| - Voltage per Receptacle/Socket                              | 230V                                                                                                               |
| <b>Internal RMS Voltage Sensor</b>                           | Yes                                                                                                                |
| <b>Internal RMS Current Sensor</b>                           | Yes                                                                                                                |
| <b>Network Connection</b>                                    | Dual 10/100Mbps Ethernet                                                                                           |
| <b>Network Protocols Supported and Data Access Formats</b>   | HTTP, HTTPS (TLS 1.2), SMTP, SMTPS (TLS 1.2), ICMP, DHCP, IPv4, IPv6, Syslog, SNMP v1/v2c/v3, JSON, JSON API, RSTP |
| <b>IP Reset Button</b>                                       | Yes                                                                                                                |
| <b>Hard Reboot Button</b>                                    | Yes                                                                                                                |
| <b>Remote Sensor RJ Connection Jacks</b>                     | 1 (Supports up to 4 Sensors)                                                                                       |
| <b>Maximum Operating Temperature</b>                         | 60C / 140F                                                                                                         |
| <b>Heavy Steel - Powder Coat Finish</b>                      | Black                                                                                                              |
| <b>Configuration</b>                                         | 72in / 1829mm Vertical Rackmount                                                                                   |
| <b>7938 Vertical Mounting Bracket Kit</b>                    | Yes                                                                                                                |
| <b>Toolless Mounting Hardware — Center to Center Spacing</b> | 1556mm and 1645mm                                                                                                  |
| <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>                        | Complies with IEC 60950-1 (CB Certificate Available)                                                               |
| <b>Certification/Agency Approvals</b>                        | Complies with EN 55032 and EN 55024                                                                                |
| <b>Certification/Agency Approvals</b>                        | CE Marked                                                                                                          |
| <b>Chassis Dimensions (HxWxD)</b>                            | 1829mm x 51mm x 58mm                                                                                               |

