## Vertiv<sup>TM</sup> Geist<sup>TM</sup> rPDU



## **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 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 #: VP4U2100

Model Number: MU03E1R0-12CF17-2C20A9H00-S Category: Monitored Sub Category: Unit Level Power Configuration: 16A OR 20A, 120V or 208V or 230V, 1.9kW or 3.3kW or 3.6kW Physical Configuration: 19in / 483mm, Horizontal

#### **Product Summary:**

rPDU, Monitored Unit Level EC, 16A OR 20A, 120V OR 208V OR 230V, 1.9kW or 3.3kW or 3.6kW, Horizontal, (12) Combination C13/C19, C20 Inlet, Black Powder Coat.

#### **Monitoring:**

Input power monitoring. Environmental monitoring via optional remote sensors. Daisy chain Ethernet connectivity. Local high visibility display.

#### Plug Form:

# 



C20 Inlet

#### Combination C13/C19 (Quantity: 12)

**Receptacle:** 

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

To discuss color options, contact your local sales representative.

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

#### System Features

Monitoring	Input power 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

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Quantity Of Inputs	1		
Voltage	100-240V		
Current	16A or 20A		
VA per Input (Load Capacity)	1.9kW (120V), 3.3kW (208V), 3.6kW (230V)		
Frequency	50/60Hz		
Over Current Protection	None		
Switch	No		
Scrolling / Rotatable Digital Display	Yes		
Power Entry Location	Left Rear		
Plug Type	IEC60320 C20 Power Inlet (cord sold separately)		
Receptacle/Socket Type #1	Combination C13/C19		
- Quantity on Rear	12		
- U-Lock Color ID	1 Circuit = Orange		
- Style	Individual		
- Voltage per Receptacle/Socket	100-120V or 208-240V		
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+, Modbus TCP		
Data Access Formats	CSV datalog, JSON API, JSON datalog		
USB Support	Yes		
USB Support IP Reset Button	Yes Yes		
IP Reset Button	Yes		
IP Reset Button Hard Reboot Button	Yes Yes		
IP Reset Button Hard Reboot Button Serial Connection	Yes Yes RS232 via RJ45		
IP Reset Button Hard Reboot Button Serial Connection Remote Sensor RJ Connection Jacks	Yes Yes RS232 via RJ45 1 (Supports up to 16 Sensors)		
IP Reset Button Hard Reboot Button Serial Connection Remote Sensor RJ Connection Jacks Maximum Operating Temperature	Yes Yes RS232 via RJ45 1 (Supports up to 16 Sensors) 60C / 140F		
IP Reset Button Hard Reboot Button Serial Connection Remote Sensor RJ Connection Jacks Maximum Operating Temperature Heavy Steel - Powder Coat Finish	Yes Yes RS232 via RJ45 1 (Supports up to 16 Sensors) 60C / 140F Black		
IP Reset Button Hard Reboot Button Serial Connection Remote Sensor RJ Connection Jacks Maximum Operating Temperature Heavy Steel - Powder Coat Finish Configuration	Yes Yes RS232 via RJ45 1 (Supports up to 16 Sensors) 60C / 140F Black 1U		
IP Reset Button Hard Reboot Button Serial Connection Remote Sensor RJ Connection Jacks Maximum Operating Temperature Heavy Steel - Powder Coat Finish Configuration Adjustable Mount Brackets	Yes Yes RS232 via RJ45 1 (Supports up to 16 Sensors) 60C / 140F Black 1U Yes 5-year limited warranty if registered within 120 days of		
IP Reset Button Hard Reboot Button Serial Connection Remote Sensor RJ Connection Jacks Maximum Operating Temperature Heavy Steel - Powder Coat Finish Configuration Adjustable Mount Brackets Product Warranty	Yes   Yes   RS232 via RJ45   1 (Supports up to 16 Sensors)   60C / 140F   Black   1U   Yes   5-year limited warranty if registered within 120 days of purchase, otherwise warranty defaults to 3 years		
IP Reset Button Hard Reboot Button Serial Connection Remote Sensor RJ Connection Jacks Maximum Operating Temperature Heavy Steel - Powder Coat Finish Configuration Adjustable Mount Brackets Product Warranty Certification/Agency Approvals	Yes   Yes   RS232 via RJ45   1 (Supports up to 16 Sensors)   60C / 140F   Black   1U   Yes   5-year limited warranty if registered within 120 days of purchase, otherwise warranty defaults to 3 years   CE Marked		
IP Reset Button Hard Reboot Button Serial Connection Remote Sensor RJ Connection Jacks Maximum Operating Temperature Heavy Steel - Powder Coat Finish Configuration Adjustable Mount Brackets Product Warranty Certification/Agency Approvals Certification/Agency Approvals	Yes   Yes   RS232 via RJ45   1 (Supports up to 16 Sensors)   60C / 140F   Black   1U   Yes   5-year limited warranty if registered within 120 days of purchase, otherwise warranty defaults to 3 years   CE Marked   UKCA Marked		
IP Reset Button Hard Reboot Button Serial Connection Remote Sensor RJ Connection Jacks Maximum Operating Temperature Heavy Steel - Powder Coat Finish Configuration Adjustable Mount Brackets Product Warranty Certification/Agency Approvals Certification/Agency Approvals	Yes   Yes   RS232 via RJ45   1 (Supports up to 16 Sensors)   60C / 140F   Black   1U   Yes   5-year limited warranty if registered within 120 days of purchase, otherwise warranty defaults to 3 years   CE Marked   UKCA Marked   Complies with IEC 62368-1 (DOC Available)		
IP Reset Button Hard Reboot Button Serial Connection Remote Sensor RJ Connection Jacks Maximum Operating Temperature Heavy Steel - Powder Coat Finish Configuration Adjustable Mount Brackets Product Warranty Certification/Agency Approvals Certification/Agency Approvals Certification/Agency Approvals	Yes   Yes   RS232 via RJ45   1 (Supports up to 16 Sensors)   60C / 140F   Black   1U   Yes   5-year limited warranty if registered within 120 days of purchase, otherwise warranty defaults to 3 years   CE Marked   UKCA Marked   Complies with IEC 62368-1 (DOC Available)   Complies with EN 55032 and EN 55035		
IP Reset Button Hard Reboot Button Serial Connection Remote Sensor RJ Connection Jacks Maximum Operating Temperature Heavy Steel - Powder Coat Finish Configuration Adjustable Mount Brackets Product Warranty Certification/Agency Approvals Certification/Agency Approvals Certification/Agency Approvals	Yes   Yes   RS232 via RJ45   1 (Supports up to 16 Sensors)   60C / 140F   Black   1U   Yes   5-year limited warranty if registered within 120 days of purchase, otherwise warranty defaults to 3 years   CE Marked   UKCA Marked   Complies with IEC 62368-1 (DOC Available)   Complies with EN 55032 and EN 55035   RoHS Compliant		
IP Reset Button Hard Reboot Button Serial Connection Remote Sensor RJ Connection Jacks Maximum Operating Temperature Heavy Steel - Powder Coat Finish Configuration Adjustable Mount Brackets Product Warranty Certification/Agency Approvals Certification/Agency Approvals Certification/Agency Approvals Certification/Agency Approvals Certification/Agency Approvals Certification/Agency Approvals	YesYesRS232 via RJ451 (Supports up to 16 Sensors)60C / 140FBlack1UYes5-year limited warranty if registered within 120 days of purchase, otherwise warranty defaults to 3 yearsCE MarkedUKCA MarkedComplies with IEC 62368-1 (DOC Available)Complies with EN 55032 and EN 55035RoHS CompliantFCC Part 15 Class A Conformance		
IP Reset Button Hard Reboot Button Serial Connection Remote Sensor RJ Connection Jacks Maximum Operating Temperature Heavy Steel - Powder Coat Finish Configuration Adjustable Mount Brackets Product Warranty Certification/Agency Approvals Certification/Agency Approvals Certification/Agency Approvals Certification/Agency Approvals Certification/Agency Approvals Certification/Agency Approvals	Yes Yes RS232 via RJ45 1 (Supports up to 16 Sensors) 60C / 140F Black 1U Yes 5-year limited warranty if registered within 120 days of purchase, otherwise warranty defaults to 3 years CE Marked UKCA Marked UKCA Marked Complies with IEC 62368-1 (DOC Available) Complies with EN 55032 and EN 55035 RoHS Compliant FCC Part 15 Class A Conformance C <sub>p</sub> Mark		
IP Reset Button Hard Reboot Button Serial Connection Remote Sensor RJ Connection Jacks Maximum Operating Temperature Heavy Steel - Powder Coat Finish Configuration Adjustable Mount Brackets Product Warranty Certification/Agency Approvals Certification/Agency Approvals	Yes Yes RS232 via RJ45 1 (Supports up to 16 Sensors) 60C / 140F Black 1U Yes 5-year limited warranty if registered within 120 days of purchase, otherwise warranty defaults to 3 years CE Marked UKCA Marked UKCA Marked Complies with IEC 62368-1 (DOC Available) Complies with EN 55032 and EN 55035 RoHS Compliant FCC Part 15 Class A Conformance C_p Mark RCM Mark (EMC Only)		

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Chassis Dimensions (HxWxD)	1.72in x 17in x 9in / 44mm x 432mm x 229mm
Shipped Weight	12lbs (5.44kg)

Shipped Weight

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