# 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.
- 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 #: GI30149

Model Number: MG03E4B0-36CF13-2PS56B2A10-S-A Category: Monitored Sub Category: Unit Level EC Power Configuration: 16A, 230/400V WYE, 11.0kW Physical Configuration: 66in / 1683mm, Vertical

Product Summar	Y: rPDU, Monitored Unit Level EC, 16A, 230/400V WYE, 11.0kW, Vertical, (36) Combination C13/C19, 10ft / 3m power cord with 3P+N+E (IP44), Black Powder Coat.
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.
Plug Form:	Receptacle:



3P+N+E (IP44)

Combination C13/C19

### (Quantity: 36)

### **Chassis Color Options:**



To discuss color options, contact your local sales representative.

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

#### **System Features**

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21 at % Accuracy Class Requirements   Circuit Monitoring   Circuit / Breaker Monitoring (A)   Circuit/UPreaker Current Measurements Independently Tested and Verified at % Accuracy   Quantity Of Inputs 1   Vatage 200-240/346-415V WYE   Current 100-240/346-415V WYE   Current Quantity Of Inputs 100-240/346-415V WYE   Current Quantity Of Inputs 10.6W (230V)   Prequency 50/60Hz   Over Current Protection None   Switch No   Sorolling / Rotatable Digital Display Yes   Power Cable Length 10/1 Maint   Power Cable Length 10/1 Maint   Power Cable Length 10   Power Cable Length 12   Attornating Phase/Circuits Yes   Attornating Phase/Circuits 12   Attornating Phase/Circuits Yes   Power Cable Length 20   Outantity or Face 20   Corbination C13/C19 20   Current Phase 20 </td <td>Input Monitoring</td> <td>-</td>	Input Monitoring	-
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and Verified at 2% AccuracyVLC SupportYesQuantity Of Inputs1Votage200-240/364-1ISV WYECurrentGA x 3 Phase WYECurrent Once1.0KW (230V)Prequency50/60H2Over Current ProtectionNoneSwitchNoneSwitchSolf SchlagePower Cable Urig Gauge2.5mm HO7RN-FPower Cable Urig Gauge16K (230 S) + N + E, 16A, 230/400V, Splashproof IP44Power Cable Urig Gauge16C60309 3P + N + E, 16A, 230/400V, Splashproof IP44Power Cable Urig Gauge26mm HO7RN-FPower Cable Urig Gauge16C60309 3P + N + E, 16A, 230/400V, Splashproof IP44Power Cable Urig Gauge26mm HO7RN-FPower Cable Urig Gauge26mm HO7RN	Circuit Monitoring	Circuit / Breaker Monitoring (A)
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Over Current ProtectionNoneSwitchNoSwitchNoScrolling / Rotatable Digital DisplayYesPower Cable Length10ft / 3mPower Cable Length10ft / 3mPower Cable Length10ft / 3mPower Entry LocationBottom FrontPlug TypeIEC60309 3P + N + E, 16A, 230/400V, Splashproof IP44Alternating Phase/CircuitsYesReceptacle/Socket Type #1Combination C13/C19- Quantity on Face36- Quantity per Phase12- Circuit Color ID3 Circuit = Orange, Green, Blue- StyleBanks of 6- Voltage per Receptacle/Socket230VInternal RMS Voltage SensorYesNetwork ConnectionDual 10/100Mbps EthernetProtocols SupportedDHCP, HTTP, HTTPS, IPV4, IPV6, LDAP, NTP, RADIUS, RSTP, SSH, SMTP, SNMP (v1/v2c/v3), Syslog, TACACS+Data Access FormatsCSV datalog, JSON API, JSON datalogUSB SupportYesHard Reboot ButtonYesBard Robot ButtonKesSerial Connection Jacks1 (Supports up to 16 Sensors)Remute Sensor RJ Connection Jacks100 (J40F)	VA per Input (Load Capacity)	11.0kW (230V)
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Plug Type   IEC60309 3P + N + E, 16A, 230/400V, Splashproof IP44     Alternating Phase/Circuits   Yes     Receptacle/Socket Type #1   Combination C13/C19     - Quantity on Face   36     - Quantity per Phase   12     - Circuit Color ID   3 Circuit = Orange, Green, Blue     - Style   Banks of 6     - Voltage per Receptacle/Socket   230V     Internal RMS Voltage Sensor   Yes     Network Connection   Dual 10/100Mbps Ethernet     Protocols Supported   CSV datalog, JSON API, JSON datalog     USB Support   Yes     Praces Formats   CSV datalog, JSON API, JSON datalog     USB Support   Yes     Hard Reboot Button   Yes     Remote Sensor RJ Connection Jacks   1(Supports up to 16 Sensors)     Remote Sensor RJ Connection Jacks   1(Supports up to 16 Sensors)	Power Cable Length	10ft / 3m
Alternating Phase/Circuits   Yes     Receptacle/Socket Type #1   Combination C13/C19     - Quantity on Face   36     - Quantity per Phase   12     - Circuit Color ID   3 Circuit = Orange, Green, Blue     - Style   Banks of 6     - Voltage per Receptacle/Socket   230V     Internal RMS Voltage Sensor   Yes     Network Connection   Dual 10/100Mbps Ethernet     Protocols Supported   DHCP, HTTP, HTTPS, IPv4, IPv6, LDAP, NTP, RADIUS, RSTP, SSH, SMTP, SNMP (v1/v2c/v3), Syslog, TACACS+     Data Access Formats   CSV datalog, JSON API, JSON datalog     USB Support   Yes     Hard Reboot Button   Yes     Serial Connection   RS232 via RJ45     Remote Sensor RJ Connection Jacks   1(Supports up to 16 Sensors)     Maximum Operating Temperature   Yeo (140F	Power Entry Location	Bottom Front
Receptacle/Socket Type #1Combination C13/C19- Quantity on Face36- Quantity per Phase12- Circuit Color ID3 Circuit = Orange, Green, Blue- StyleBanks of 6- Voltage per Receptacle/Socket230VInternal RMS Voltage SensorYesNetwork ConnectionDual 10/100Mbps EthernetProtocols SupportedDHCP, HTTP, HTTPS, IPv4, IPv6, LDAP, NTP, RADIUS, RSTP, SSH, SMTP, SNMP (v1/v2c/v3), Syslog, TACACS+Data Access FormatsCSV datalog, JSON API, JSON datalogUBS SupportYesHard Reboot ButtonYesSerial ConnectionRS232 via RJ45Remote Sensor RJ Connection Jacks1 (Supports up to 16 Sensors)	Plug Type	IEC60309 3P + N + E, 16A, 230/400V, Splashproof IP44
- Quantity on Face36- Quantity per Phase12- Circuit Color ID3 Circuit = Orange, Green, Blue- StyleBanks of 6- Voltage per Receptacle/Socket230VInternal RMS Voltage SensorYesInternal RMS Current SensorYesNetwork ConnectionDual 10/100Mbps EthernetProtocols SupportedDHCP, HTTP, HTTPS, IPv4, IPv6, LDAP, NTP, RADIUS, RSTP, SSH, SMTP, SNMP (v1/v2c/v3), Syslog, TACACS+Data Access FormatsCSV datalog, JSON API, JSON datalogUSB SupportYesHard Reboot ButtonYesRemote Sensor RJ Connection Jacks1 (Supports up to 16 Sensors)Maximum Operating Temperature60C / 140F	Alternating Phase/Circuits	Yes
• Quantity per Phase12- Circuit Color ID3 Circuit = Orange, Green, Blue- StyleBanks of 6- Voltage per Receptacle/Socket230VInternal RMS Voltage SensorYesInternal RMS Current SensorYesNetwork ConnectionDual 10/100Mbps EthernetProtocols SupportedDHCP, HTTP, HTTPS, IPv4, IPv6, LDAP, NTP, RADIUS, RSTP, SSH, SMTP, SNMP (v1/v2c/v3), Syslog, TACACS+Data Access FormatsCSV datalog, JSON API, JSON datalogUSB SupportYesHard Reboot ButtonYesSerial Connection Jacks1 (Supports up to 16 Sensors)Maximum Operating Temperature60C / 140F	Receptacle/Socket Type #1	Combination C13/C19
- Circuit Color ID3 Circuit = Orange, Green, Blue- StyleBanks of 6- Voltage per Receptacle/Socket230VInternal RMS Voltage SensorYesInternal RMS Current SensorYesNetwork ConnectionDual 10/100Mbps EthernetProtocols SupportedDHCP, HTTP, HTTPS, IPV4, IPV6, LDAP, NTP, RADIUS, RSTP, SSH, SMTP, SNMP (v1/v2c/v3), Syslog, TACACS+Data Access FormatsCSV datalog, JSON API, JSON datalogUSB SupportYesIP Reset ButtonYesBard Reboot ButtonS232 via RJ45Remote Sensor RJ Connection Jacks1(Supports up to 16 Sensors)Maximum Operating Temperature60C / 140F	- Quantity on Face	36
- StyleBanks of 6- Voltage per Receptacle/Socket230VInternal RMS Voltage SensorYesInternal RMS Current SensorYesNetwork ConnectionDual 10/100Mbps EthernetProtocols SupportedDHCP, HTTP, HTTPS, IPv4, IPv6, LDAP, NTP, RADIUS, RSTP, SSH, SMTP, SNMP (v1/v2c/v3), Syslog, TACACS+Data Access FormatsCSV datalog, JSON API, JSON datalogUSB SupportYesIP Reset ButtonYesHard Reboot ButtonYesRemote Sensor RJ Connection Jacks1(Supports up to 16 Sensors)Maximum Operating Temperature60C / 140F	- Quantity per Phase	12
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Network ConnectionDual 10/100Mbps EthernetProtocols SupportedDHCP, HTTP, HTTPS, IPv4, IPv6, LDAP, NTP, RADIUS, RSTP, SSH, SMTP, SNMP (v1/v2c/v3), Syslog, TACACS+Data Access FormatsCSV datalog, JSON API, JSON datalogUSB SupportYesIP Reset ButtonYesHard Reboot ButtonYesSerial ConnectionRS232 via RJ45Remote Sensor RJ Connection Jacks1 (Supports up to 16 Sensors)Maximum Operating Temperature60C / 140F	Internal RMS Voltage Sensor	Yes
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Access FormatsSSH, SMTP, SNMP (v1/v2c/v3), Syslog, TACACS+Data Access FormatsCSV datalog, JSON API, JSON datalogUSB SupportYesIP Reset ButtonYesHard Reboot ButtonYesSerial ConnectionRS232 via RJ45Remote Sensor RJ Connection Jacks1 (Supports up to 16 Sensors)Maximum Operating Temperature60C / 140F	Network Connection	Dual 10/100Mbps Ethernet
USB Support Yes   IP Reset Button Yes   Hard Reboot Button Yes   Serial Connection RS232 via RJ45   Remote Sensor RJ Connection Jacks 1 (Supports up to 16 Sensors)   Maximum Operating Temperature 60C / 140F	Protocols Supported	
IP Reset Button Yes   Hard Reboot Button Yes   Serial Connection RS232 via RJ45   Remote Sensor RJ Connection Jacks 1 (Supports up to 16 Sensors)   Maximum Operating Temperature 60C / 140F	Data Access Formats	CSV datalog, JSON API, JSON datalog
Hard Reboot Button Yes   Serial Connection RS232 via RJ45   Remote Sensor RJ Connection Jacks 1 (Supports up to 16 Sensors)   Maximum Operating Temperature 60C / 140F	USB Support	Yes
Serial Connection RS232 via RJ45   Remote Sensor RJ Connection Jacks 1 (Supports up to 16 Sensors)   Maximum Operating Temperature 60C / 140F	IP Reset Button	Yes
Remote Sensor RJ Connection Jacks 1 (Supports up to 16 Sensors)   Maximum Operating Temperature 60C / 140F	Hard Reboot Button	Yes
Maximum Operating Temperature 60C / 140F	Serial Connection	RS232 via RJ45
	Remote Sensor RJ Connection Jacks	1 (Supports up to 16 Sensors)
Heavy Steel - Powder Coat Finish Black	Maximum Operating Temperature	60C / 140F
	Heavy Steel - Powder Coat Finish	Black

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Configuration	Zero U
7938 Vertical Mounting Bracket Kit	Yes
Toolless Mounting Hardware - Center to Center Spacing	61.25in and 64.75in / 1556mm and 1645mm
Product Warranty	5-year limited warranty if registered within 120 days of purchase, otherwise warranty defaults to 3 years
Certification/Agency Approvals	CE Marked
Certification/Agency Approvals	Complies with EN 55032 and EN 55024
Certification/Agency Approvals	RoHS Compliant
Certification/Agency Approvals	Complies with IEC 62368-1 (DOC Available)
Chassis Dimensions (LxWxD)	66.25in x 2in x 2in / 1683mm x 51mm x 51mm
Shipped Weight	16lbs (7.26kg)

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