

## 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 real-time 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 #: GI30032L

**Model Number:** MG03E2R1-16PB43-3PS6B2H10-S

**Category:** Monitored

**Sub Category:** Unit Level EC

**Power Configuration:** 32A, 230V, 7.3kW

**Physical Configuration:** 19in / 483mm, Horizontal

**Product Summary:** rPDU, Monitored Unit Level EC, 32A, 230V, 7.3kW, Horizontal, (12) Locking IEC C13, (4) Locking IEC C19, 3m power cord with 1P+N+E (IP44), 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 LED display.

**Plug Form:**

1P+N+E (IP44)

**Receptacle:**Locking IEC C13  
(Quantity: 12)Locking IEC C19  
(Quantity: 4)**Chassis Color Options:**

To discuss color options, contact your local sales representative.

**Product Specification and Options****System Features**

<b>Monitoring</b>	Input power monitoring with breaker level current monitoring. Environmental monitoring via optional remote sensors. Daisy chain Ethernet connectivity. Local high visibility LED display.
<b>Monitoring Level 1</b>	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
<b>Monitoring Level 2</b>	Circuit / Breaker Monitoring (A)  Circuit/Breaker Current Measurements Independently Tested and Verified at 2% Accuracy
<b>VLC Support</b>	Yes
<b>Quantity Of Inputs</b>	1
<b>Voltage</b>	200-240V
<b>Current</b>	32A
<b>VA per Input (Load Capacity)</b>	7.3kW (230V)
<b>Frequency</b>	50/60Hz
<b>Over Current Protection</b>	(2) 16A Single Pole Magnetic Breakers
<b>Switch</b>	Breaker/Switch Combination
<b>Scrolling / Rotatable Digital Display</b>	Yes
<b>Power Cable Wire Gauge</b>	4mm <sup>2</sup> H07RN-F
<b>Power Cable Length</b>	10ft / 3m
<b>Power Entry Location</b>	Left Rear
<b>Plug Type</b>	IEC60309 1P + N + E, 32A, 250V, Splashproof IP44
<b>Combined Total Receptacle/Socket Quantity</b>	16
<b>Receptacle/Socket Type #1</b>	U-Lock IEC C13
- Quantity on Rear	12
- Quantity per Breaker	6
- U-Lock Color ID	2 Circuit = Orange, Green
- Style	Individual
- Voltage per Receptacle/Socket	230V
<b>Receptacle/Socket Type #2</b>	U-Lock IEC C19

- Quantity on Rear	4
- Quantity per Breaker	2
- U-Lock Color ID	2 Circuit = Orange, Green
- Style	Individual
- Voltage per Receptacle/Socket	230V
Internal RMS Voltage Sensor	Yes
Internal RMS Current 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
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
Heavy Steel - Powder Coat Finish	Black
Configuration	2U
19in Recess Mount	Yes
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	RCM Mark (EMC Only)
Certification/Agency Approvals	Complies with IEC 62368-1 (DOC Available)
Certification/Agency Approvals	China RoHS
Certification/Agency Approvals	C <sub>p</sub> Mark
Chassis Dimensions (HxWxD)	87mm x 432mm x 229mm
Shipped Weight	15lbs (6.8kg)