

OVERVIEW

Upgradeable Outlet Level EC Monitored rPDUs provide reliable power distribution to critical IT equipment while delivering a comprehensive view of outlet 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.
- Fault-Tolerant
- Every unit is 100% tested for reliability and functionality. 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.
- Daisy-chain up to 50 devices on a single IP address and reduce deployment time with self-configuration of downstream devices.

Part #: GR30003L

Model Number: MGR3EGB0-36PNB3-2PS56B2A10-S-A

Category: Monitored

Sub Category: Outlet Level

Power Configuration: 16A, 230/400V WYE, 11.0kW

Physical Configuration: 66in / 1683mm, Vertical

Product Summary:

rPDU, Monitored Outlet Level EC, 16A, 230/400V WYE, 11.0kW, Vertical, (24) Locking IEC C13, (12) Locking IEC C19, 10ft / 3m power cord with 3P+N+E (IP44), Black Powder Coat.

Monitoring:

Input and Outlet power monitoring. Circuit/Breaker current monitoring. Environmental monitoring via optional remote sensors. Daisy chain Ethernet connectivity. Local high visibility LED display.

Plug Form:



3P+N+E (IP44)

Receptacle:



Locking IEC C13
(Quantity: 24)



Locking IEC C19
(Quantity: 12)

Chassis Color Options:



To discuss color options, contact your local sales representative.

Product Specification and Options

System Features

Monitoring

Input and Outlet power monitoring. Circuit/Breaker current monitoring. Environmental monitoring via optional remote sensors. Daisy chain Ethernet connectivity. Local high visibility LED display.

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|---|--|
| Input Monitoring | Total Unit Monitoring (kWh, W, VA, PF) Phase (A, B, C) Monitoring (kWh, W, VA, PF, V, A) |
| | Power Measurements Compliant with ANSI C12.1 and IEC 62053-21 at 1% Accuracy Class Requirements |
| Circuit Monitoring | Circuit / Breaker Monitoring (A) |
| | Circuit/Breaker Current Measurements Independently Tested and Verified at 2% Accuracy |
| Outlet Monitoring | Outlet Monitoring (kWh, W, VA, PF, V, A) |
| | Power Measurements Compliant with ANSI C12.1 and IEC 62053-21 at 1% Accuracy Class Requirements. |
| Quantity Of Inputs | 1 |
| Voltage | 200-240/346-415V WYE |
| Current | 16A x 3 Phase WYE |
| VA per Input (Load Capacity) | 11.0kW (230V) |
| Frequency | 50/60Hz |
| Over Current Protection | None |
| Switch | No |
| Scrolling / Rotatable Digital Display | Yes |
| Indicators - LED(s) | 36 |
| Power Cable Wire Gauge | 2.5mm ² H07RN-F |
| Power Cable Length | 10ft / 3m |
| Power Entry Location | Bottom Front |
| Plug Type | IEC60309 3P + N + E, 16A, 230/400V, Splashproof IP44 |
| Combined Total Receptacle/Socket Quantity | 36 |
| Alternating Phase/Circuits | Yes |
| Receptacle/Socket Type #1 | U-Lock IEC C13 |
| - Quantity on Face | 24 |
| - Quantity per Phase | 8 |
| - U-Lock Color ID | 3 Circuit = Orange, Green, Blue |
| - Style | Individual |
| - Voltage per Receptacle/Socket | 230V |
| Receptacle/Socket Type #2 | U-Lock IEC C19 |
| - Quantity on Face | 12 |
| - Quantity per Phase | 4 |
| - U-Lock Color ID | 3 Circuit = Orange, Green, Blue |
| - Style | Individual |
| - Voltage per Receptacle/Socket | 230V |
| 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 |
| IP Reset Button | Yes |

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|---|---|
| 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 | Zero U |
| 7938 Vertical Mounting Bracket Kit | Yes |
| Toolless Mounting Hardware - Center to Center Spacing | 61.25in and 64.75in / 1556mm and 1645mm |
| Country of Origin | USA, TAA Compliant and Buy American Act COTS Compliant |
| 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 | UKCA Marked |
| Certification/Agency Approvals | Complies with IEC 62368-1 (DOC Available) |
| Certification/Agency Approvals | Complies with EN 55032 and EN 55035 |
| Certification/Agency Approvals | RoHS Compliant |
| Certification/Agency Approvals | C _p Mark |
| Certification/Agency Approvals | RCM Mark (EMC Only) |
| Certification/Agency Approvals | China RoHS |
| Chassis Dimensions (LxWxD) | 66.25in x 2in x 2.6in / 1683mm x 51mm x 66mm |
| Doghouse (D) | 1.4in / 36mm |
| Shipped Weight | 18lbs (8.16kg) |