

OVERVIEW

Inline current meter used to retrofit Basic rPDUs with remote power and environmental monitoring to obtain real-time metrics locally or over an IP network. Simply insert the unit between the rPDU and the power source to view power data on a local power meter and connect to the network to gather power data remotely.

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.
- Every unit is 100% tested for reliability and functionality.
- Simple and convenient configuration options for cord lengths and chassis colors.
- 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.

Part #: GI30060

Model Number: LG03EFR0-PS56B2G10-3PS56B2E10-S

Category: Inline

Sub Category: Monitored

Power Configuration: 32A, 230/400V WYE, 22.0kW

Physical Configuration: 17in / 432mm, Horizontal/Vertical

Product Summary:

rPDU, Inline Monitored EC, 32A, 230/400V WYE, 22.0kW, Horizontal/Vertical, (1) IEC 3P+N+E, 3m power cord with 3P+N+E (IP44), Black Powder Coat.

Monitoring:

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

Plug Form:



3P+N+E (IP44)

Receptacle:



IEC 3P+N+E
(Quantity: 1)

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 LED display.

Monitoring Level 1

Aggregate - Total Unit Monitoring (kWh, W, VA, PF)

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) |
| | 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 | 32A x 3 Phase WYE |
| VA per Input (Load Capacity) | 22.0kW (230V) |
| Frequency | 50/60Hz |
| Scrolling / Rotatable Digital Display | Yes |
| Power Cable Wire Gauge | 6mm ² H07RN-F |
| Power Cable Length-Receptacle Attached | 3m |
| Power Cable Length-Plug Attached | 3m |
| Plug Type | IEC60309 3P + N + E, 32A, 230/400V, Splashproof IP44 |
| Receptacle/Socket Type #1 | IEC60309 3P + N + E, 32A, 230/400V Connector |
| - Quantity on Face | 1 - Cord Attached |
| - Style | Individual - Cord Attached |
| - Voltage per Receptacle/Socket | 230V or 400V WYE |
| 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 |
| IP Reset Button | Yes |
| Hard Reboot Button | Yes |
| Serial Connection | RS232 via RJ45 |
| Remote Sensor RJ Connection Jacks | 1 (Supports up to 16 Sensors) |
| Continuous Operating Temperature Range | Full nameplate operation: 10-45C / 50-113F |
| Continuous Operating Temperature Range | 50% derated operation: 45-60C / 113-140F (See product manual or quick-start guide for full de-rated operating conditions) |
| Heavy Steel - Powder Coat Finish | Black |
| Configuration | Zero U or 1U |
| 19in Panel Mount Brackets | Yes |
| Toolless Mounting Hardware - Center to Center Spacing | 355mm |
| 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 |

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|---------------------------------------|---------------------|
| Certification/Agency Approvals | C _p Mark |
| Certification/Agency Approvals | RCM Mark (EMC Only) |
| Chassis Dimensions (LxWxD) | 432mm x 44mm x 89mm |
| Shipped Weight | 10lbs (4.54kg) |