

## 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 #: GI30056

**Model Number:** LG03EGR0-PS56B2G10-2PS56B2E10-S

**Category:** Inline

**Sub Category:** Monitored

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

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

**Product Summary:** rPDU, Inline Monitored EC, 16A, 230/400V WYE, 11.0kW, 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

|                           |   |
|---------------------------|---|
| <b>Monitoring</b>         | Input power monitoring. Environmental monitoring via optional remote sensors. Daisy chain Ethernet connectivity. Local high visibility LED display.       |
| <b>Monitoring Level 1</b> | Aggregate - Total Unit Monitoring (kWh, W, VA, PF)<br><br>Power Measurements Compliant with ANSI C12.1 and IEC 62053-21 at 1% Accuracy Class Requirements |

|  |  |
|--|--|
| <b>Monitoring Level 2</b>                                    | Phase (A, B, C) Monitoring (kWh, W, VA, PF, V, A)<br><br>Power Measurements Compliant with ANSI C12.1 and IEC 62053-21 at 1% Accuracy Class Requirements |
| <b>Quantity Of Inputs</b>                                    | 1  |
| <b>Voltage</b>   | 200-240/346-415V WYE   |
| <b>Current</b>   | 16A x 3 Phase WYE  |
| <b>VA per Input (Load Capacity)</b>                          | 11.0kW (230V)  |
| <b>Frequency</b>   | 50/60Hz  |
| <b>Scrolling / Rotatable Digital Display</b>                 | Yes  |
| <b>Power Cable Wire Gauge</b>                                | 2.5mm <sup>2</sup> H07RN-F   |
| <b>Power Cable Length-Receptacle Attached</b>                | 3m   |
| <b>Power Cable Length-Plug Attached</b>                      | 3m   |
| <b>Plug Type</b>   | IEC60309 3P + N + E, 16A, 230/400V, Splashproof IP44   |
| <b>Receptacle/Socket Type #1</b>                             | IEC60309 3P + N + E, 16A, 230/400V Connector   |
| <b>- Quantity on Face</b>                                    | 1 - Cord Attached  |
| <b>- Style</b>   | Individual - Cord Attached   |
| <b>- Voltage per Receptacle/Socket</b>                       | 230V or 400V WYE   |
| <b>Internal RMS Voltage Sensor</b>                           | Yes  |
| <b>Internal RMS Current Sensor</b>                           | Yes  |
| <b>Network Connection</b>                                    | Dual 10/100/1000Mbps Ethernet  |
| <b>Protocols Supported</b>                                   | DHCP, HTTP, HTTPS, IPv4, IPv6, LDAP, NTP, RADIUS, RSTP, SSH, SMTP, SNMP (v1/v2c/v3), Syslog, TACACS+, Modbus TCP   |
| <b>Data Access Formats</b>                                   | CSV datalog, JSON API, JSON datalog  |
| <b>USB Support</b>   | Yes  |
| <b>IP Reset Button</b>                                       | Yes  |
| <b>Hard Reboot Button</b>                                    | Yes  |
| <b>Serial Connection</b>                                     | RS232 via RJ45   |
| <b>Remote Sensor RJ Connection Jacks</b>                     | 1 (Supports up to 16 Sensors)  |
| <b>Continuous Operating Temperature Range</b>                | Full nameplate operation: 10-45C / 50-113F   |
| <b>Continuous Operating Temperature Range</b>                | 50% derated operation: 45-60C / 113-140F (See product manual or quick-start guide for full de-rated operating conditions)                                |
| <b>Heavy Steel - Powder Coat Finish</b>                      | Black  |
| <b>Configuration</b>   | Zero U or 1U   |
| <b>19in Panel Mount Brackets</b>                             | Yes  |
| <b>Toolless Mounting Hardware - Center to Center Spacing</b> | 355mm  |
| <b>Product Warranty</b>                                      | 5-year limited warranty if registered within 120 days of purchase, otherwise warranty defaults to 3 years  |
| <b>Certification/Agency Approvals</b>                        | CE Marked  |
| <b>Certification/Agency Approvals</b>                        | UKCA Marked  |
| <b>Certification/Agency Approvals</b>                        | Complies with IEC 62368-1 (DOC Available)  |
| <b>Certification/Agency Approvals</b>                        | Complies with EN 55032 and EN 55035  |
| <b>Certification/Agency Approvals</b>                        | RoHS Compliant   |

|                                       |                     |
|---------------------------------------|---------------------|
| <b>Certification/Agency Approvals</b> | C <sub>p</sub> Mark |
| <b>Certification/Agency Approvals</b> | RCM Mark (EMC Only) |
| <b>Chassis Dimensions (LxWxD)</b>     | 432mm x 44mm x 64mm |
| <b>Shipped Weight</b>                 | 10lbs (4.54kg)      |