

## 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 #: GI30055

**Model Number:** LG03EGR0-PS6B2G10-2PS6B2E10-S

**Category:** Inline

**Sub Category:** Monitored

**Power Configuration:** 16A, 230V, 3.6kW

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

### Product Summary:

rPDU, Inline Monitored EC, 16A, 230V, 3.6kW, Horizontal/Vertical, (1) IEC 2P+E, 3m power cord with 1P+N+E (IP44), Black Powder Coat.

### Monitoring:

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

### Plug Form:



1P+N+E (IP44)

### Receptacle:



IEC 2P+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 display.

#### Monitoring Level 1

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

|   |   |
|---|---|
| Quantity Of Inputs                                    | 1   |
| Voltage   | 200-240V  |
| Current   | 16A   |
| VA per Input (Load Capacity)                          | 3.6kW (230V)  |
| Frequency   | 50/60Hz   |
| Scrolling / Rotatable Digital Display                 | Yes   |
| Power Cable Wire Gauge                                | 2.5mm <sup>2</sup> H07RN-F  |
| Power Cable Length-Receptacle Attached                | 3m  |
| Power Cable Length-Plug Attached                      | 3m  |
| Plug Type   | IEC60309 1P + N + E, 16A, 250V, Splashproof IP44  |
| Receptacle/Socket Type #1                             | IEC60309 2P + E, 16A, 250V Connector  |
| - Quantity on Face                                    | 1 - Cord Attached   |
| - Style   | Individual - Cord Attached  |
| - Voltage per Receptacle/Socket                       | 230V  |
| 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  |
| Certification/Agency Approvals                        | RCM Mark (EMC Only)   |
| Certification/Agency Approvals                        | C <sub>p</sub> Mark   |
| Chassis Dimensions (LxWxD)                            | 432mm x 44mm x 64mm   |

|                |                |
|----------------|----------------|
| Shipped Weight | 10lbs (4.54kg) |
|----------------|----------------|