

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 #: UI30020L

Model Number: LU03EGR0-L19A9G00-2C20A9E00-S

Category: Inline

Sub Category: Monitored

Power Configuration: 16A OR 20A, 120V OR 208V OR 230V, 1.9kW or 3.3kW or 3.6kW

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

Product Summary: rPDU, Inline Monitored EC, 16A OR 20A, 120V OR 208V OR 230V, 1.9kW or 3.3kW or 3.6kW, Horizontal/Vertical, (1) Locking IEC C19, C20 Inlet, Black Powder Coat.

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

Plug Form: Receptacle:



C20 Inlet



Locking IEC C19
(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 | 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 | 100-240V |
| Current | 16A or 20A |
| VA per Input (Load Capacity) | 1.9kW (120V), 3.3kW (208V), 3.6kW (230V) |
| Frequency | 50/60Hz |
| Scrolling / Rotatable Digital Display | Yes |
| Plug Type | IEC60320 C20 Power Inlet (cord sold separately) |
| Receptacle/Socket Type #1 | U-Lock IEC C19 |
| - Quantity on Face | 1 |
| - U-Lock Color ID | 1 Circuit = Orange |
| - Style | Individual |
| - Voltage per Receptacle/Socket | 100-120V or 208-240V |
| 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 | 17in / 432mm Vertical/Horizontal Rackmount |
| 19in Panel Mount Brackets | Yes |
| Toolless Mounting Hardware - Center to Center Spacing | 14in / 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 | FCC Part 15 Class A Conformance |
| Certification/Agency Approvals | C _p Mark |
| Certification/Agency Approvals | RCM Mark (EMC Only) |
| Certification/Agency Approvals | UL & c-UL Listed 62368-1 |
| Chassis Dimensions (LxWxD) | 17in x 1.715in x 2.5in / 432mm x 44mm x 64mm |

Shipped Weight

10lbs (4.54kg)