

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 #: NI30108

Model Number: LN03EFR0-TL6A0G10-3TL6A0E10-S

Category: Inline

Sub Category: Monitored

Power Configuration: 30A, 208V, 4.9kW

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

Product Summary: rPDU, Inline Monitored EC, 30A, 208V, 4.9kW, Horizontal/Vertical, (1) NEMA L6-30R, 10ft power cord with L6-30P, Black Powder Coat.

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

Plug Form:



L6-30P

Receptacle:



NEMA L6-30R
(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 | 30A |
| VA per Input (Load Capacity) | 4.9kW (208V) |
| Frequency | 50/60Hz |
| Scrolling / Rotatable Digital Display | Yes |
| Power Cable Wire Gauge | 10/3 |
| Power Cable Length-Receptacle Attached | 10ft |
| Power Cable Length-Plug Attached | 10ft |
| Plug Type | NEMA L6-30P Twistlock |
| Receptacle/Socket Type #1 | NEMA L6-30R |
| - Quantity on Face | 1 - Cord Attached |
| - Style | Individual - Cord Attached |
| - Voltage per Receptacle/Socket | 208V |
| 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 |
| 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 | RoHS Compliant |
| Certification/Agency Approvals | FCC Part 15 Class A Conformance |
| Certification/Agency Approvals | UL & c-UL Listed 62368-1 |
| Chassis Dimensions (LxWxD) | 17in x 1.715in x 3.5in |
| Shipped Weight | 10lbs (4.54kg) |