

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 #: NI30109

Model Number: LN03EFR0-TL21A0G10-3TL21A0E10-S

Category: Inline

Sub Category: Monitored

Power Configuration: 30A, 120/208V WYE, 8.6kW

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

Product Summary:

rPDU, Inline Monitored EC, 30A, 120/208V WYE, 8.6kW, Horizontal/Vertical, (1) NEMA L21-30R, 10ft power cord with L21-30P, Black Powder Coat.

Monitoring:

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

Plug Form:



L21-30P

Receptacle:



NEMA L21-30R
(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

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	100-120/200-240V WYE
Current	30A x 3 Phase WYE
VA per Input (Load Capacity)	8.6kW (208V)
Frequency	50/60Hz
Scrolling / Rotatable Digital Display	Yes
Power Cable Wire Gauge	10/5
Power Cable Length-Receptacle Attached	10ft
Power Cable Length-Plug Attached	10ft
Plug Type	NEMA L21-30P Twistlock
Receptacle/Socket Type #1	NEMA L21-30R
- Quantity on Face	1 - Cord Attached
- Style	Individual - Cord Attached
- Voltage per Receptacle/Socket	120/208 3 Phase 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	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	UL & c-UL Listed 62368-1
Certification/Agency Approvals	RoHS Compliant
Certification/Agency Approvals	FCC Part 15 Class A Conformance
Chassis Dimensions (LxWxD)	17in x 1.715in x 3.5in

Shipped Weight	10lbs (4.54kg)
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