

## 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

<b>Monitoring Level 2</b>	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
<b>Quantity Of Inputs</b>	1
<b>Voltage</b>	100-120/200-240V WYE
<b>Current</b>	30A x 3 Phase WYE
<b>VA per Input (Load Capacity)</b>	8.6kW (208V)
<b>Frequency</b>	50/60Hz
<b>Scrolling / Rotatable Digital Display</b>	Yes
<b>Power Cable Wire Gauge</b>	10/5
<b>Power Cable Length-Receptacle Attached</b>	10ft
<b>Power Cable Length-Plug Attached</b>	10ft
<b>Plug Type</b>	NEMA L21-30P Twistlock
<b>Receptacle/Socket Type #1</b>	NEMA L21-30R
<b>- Quantity on Face</b>	1 - Cord Attached
<b>- Style</b>	Individual - Cord Attached
<b>- Voltage per Receptacle/Socket</b>	120/208 3 Phase 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>	17in / 432mm Vertical/Horizontal Rackmount
<b>19in Panel Mount Brackets</b>	Yes
<b>Toolless Mounting Hardware - Center to Center Spacing</b>	14in
<b>Country of Origin</b>	USA, TAA Compliant and Buy American Act COTS Compliant
<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>	UL & c-UL Listed 62368-1
<b>Certification/Agency Approvals</b>	RoHS Compliant
<b>Certification/Agency Approvals</b>	FCC Part 15 Class A Conformance
<b>Chassis Dimensions (LxWxD)</b>	17in x 1.715in x 3.5in

Shipped Weight	10lbs (4.54kg)
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