

## 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 #: PI30012

**Model Number:** LP03EGR0-JS5A5G10-2JS5A5E10-S

**Category:** Inline

**Sub Category:** Monitored

**Power Configuration:** 20A, 100V, 2.0kW

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

### Product Summary:

rPDU, Inline Monitored EC, 20A, 100V, 2.0kW, Horizontal/Vertical, (1) JIS 5-20R, 3m power cord with 5-20P, Black Powder Coat.

### Monitoring:

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

### Plug Form:



5-20P

### Receptacle:



JIS 5-20R  
(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	100-120V
Current	20A
VA per Input (Load Capacity)	2.0kW (100V)
Frequency	50/60Hz
Scrolling / Rotatable Digital Display	Yes
Power Cable Wire Gauge	3.5mm <sup>2</sup>
Power Cable Length-Receptacle Attached	3m
Power Cable Length-Plug Attached	3m
Plug Type	JIS C8303, 2P/3W, 20A, 125V, NEMA 5-20P
Receptacle/Socket Type #1	JIS C8303, 2P/3W, 20A, 125V, NEMA 5-20R
- Quantity on Face	1 - Cord Attached
- Style	Individual - Cord Attached
- Voltage per Receptacle/Socket	100V
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	RoHS Compliant
Certification/Agency Approvals	METI DENAN
Chassis Dimensions (LxWxD)	432mm x 44mm x 64mm
Shipped Weight	10lbs (4.54kg)