Vertiv[™] PowerIT rPDU



OVERVIEW

Inline current meter used to retrofit Basic rPDUs with remote power and environmental monitoring to obtain realtime 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:



L6-30F

NEMA L6-30R (Quantity: 1)

Chassis Color Options:



To discuss color options, contact your local sales representative.

Receptacle:

Product Specification and Options

System Features

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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

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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
USB Support IP Reset Button	Yes Yes
IP Reset Button	Yes
IP Reset Button Hard Reboot Button	Yes Yes
IP Reset Button Hard Reboot Button Serial Connection	Yes Yes RS232 via RJ45
IP Reset Button Hard Reboot Button Serial Connection Remote Sensor RJ Connection Jacks	Yes Yes RS232 via RJ45 1 (Supports up to 16 Sensors)
IP Reset Button Hard Reboot Button Serial Connection Remote Sensor RJ Connection Jacks Continuous Operating Temperature Range	Yes Yes RS232 via RJ45 1 (Supports up to 16 Sensors) Full nameplate operation: 10-45C / 50-113F 50% derated operation: 45-60C / 113-140F (See product manual
IP Reset Button Hard Reboot Button Serial Connection Remote Sensor RJ Connection Jacks Continuous Operating Temperature Range Continuous Operating Temperature Range	Yes Yes RS232 via RJ45 1 (Supports up to 16 Sensors) Full nameplate operation: 10-45C / 50-113F 50% derated operation: 45-60C / 113-140F (See product manual or quick-start guide for full de-rated operating conditions)
IP Reset Button Hard Reboot Button Serial Connection Remote Sensor RJ Connection Jacks Continuous Operating Temperature Range Continuous Operating Temperature Range Heavy Steel - Powder Coat Finish	Yes Yes RS232 via RJ45 1 (Supports up to 16 Sensors) Full nameplate operation: 10-45C / 50-113F 50% derated operation: 45-60C / 113-140F (See product manual or quick-start guide for full de-rated operating conditions) Black
IP Reset Button Hard Reboot Button Serial Connection Remote Sensor RJ Connection Jacks Continuous Operating Temperature Range Continuous Operating Temperature Range Heavy Steel - Powder Coat Finish Configuration	Yes Yes RS232 via RJ45 1 (Supports up to 16 Sensors) Full nameplate operation: 10-45C / 50-113F 50% derated operation: 45-60C / 113-140F (See product manual or quick-start guide for full de-rated operating conditions) Black 17in / 432mm Vertical/Horizontal Rackmount
IP Reset Button Hard Reboot Button Serial Connection Remote Sensor RJ Connection Jacks Continuous Operating Temperature Range Continuous Operating Temperature Range Heavy Steel - Powder Coat Finish Configuration 19in Panel Mount Brackets Toolless Mounting Hardware - Center to Center	Yes Yes RS232 via RJ45 1 (Supports up to 16 Sensors) Full nameplate operation: 10-45C / 50-113F 50% derated operation: 45-60C / 113-140F (See product manual or quick-start guide for full de-rated operating conditions) Black 17in / 432mm Vertical/Horizontal Rackmount Yes
IP Reset Button Hard Reboot Button Serial Connection Remote Sensor RJ Connection Jacks Continuous Operating Temperature Range Continuous Operating Temperature Range Heavy Steel - Powder Coat Finish Configuration 19in Panel Mount Brackets Toolless Mounting Hardware - Center to Center Spacing	Yes Yes RS232 via RJ45 1 (Supports up to 16 Sensors) Full nameplate operation: 10-45C / 50-113F 50% derated operation: 45-60C / 113-140F (See product manual or quick-start guide for full de-rated operating conditions) Black 17in / 432mm Vertical/Horizontal Rackmount Yes 14in
IP Reset Button Hard Reboot Button Serial Connection Remote Sensor RJ Connection Jacks Continuous Operating Temperature Range Continuous Operating Temperature Range Heavy Steel - Powder Coat Finish Configuration 19in Panel Mount Brackets Toolless Mounting Hardware - Center to Center Spacing Country of Origin	Yes Yes RS232 via RJ45 1 (Supports up to 16 Sensors) Full nameplate operation: 10-45C / 50-113F 50% derated operation: 45-60C / 113-140F (See product manual or quick-start guide for full de-rated operating conditions) Black 17in / 432mm Vertical/Horizontal Rackmount Yes 14in USA, TAA Compliant and Buy American Act COTS Compliant 5-year limited warranty if registered within 120 days of
IP Reset Button Hard Reboot Button Serial Connection Remote Sensor RJ Connection Jacks Continuous Operating Temperature Range Continuous Operating Temperature Range Heavy Steel - Powder Coat Finish Configuration 19in Panel Mount Brackets Toolless Mounting Hardware - Center to Center Spacing Country of Origin Product Warranty	Yes Yes RS232 via RJ45 1 (Supports up to 16 Sensors) Full nameplate operation: 10-45C / 50-113F 50% derated operation: 45-60C / 113-140F (See product manual or quick-start guide for full de-rated operating conditions) Black 17in / 432mm Vertical/Horizontal Rackmount Yes 14in USA, TAA Compliant and Buy American Act COTS Compliant 5-year limited warranty if registered within 120 days of purchase, otherwise warranty defaults to 3 years
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IP Reset Button Hard Reboot Button Serial Connection Remote Sensor RJ Connection Jacks Continuous Operating Temperature Range Continuous Operating Temperature Range Continuous Operating Temperature Range Heavy Steel - Powder Coat Finish Configuration 19in Panel Mount Brackets Toolless Mounting Hardware - Center to Center Spacing Country of Origin Product Warranty Certification/Agency Approvals Certification/Agency Approvals	Yes Yes RS232 via RJ45 1 (Supports up to 16 Sensors) Full nameplate operation: 10-45C / 50-113F 50% derated operation: 45-60C / 113-140F (See product manual or quick-start guide for full de-rated operating conditions) Black 17in / 432mm Vertical/Horizontal Rackmount Yes 14in USA, TAA Compliant and Buy American Act COTS Compliant 5-year limited warranty if registered within 120 days of purchase, otherwise warranty defaults to 3 years UL & c-UL Listed 62368-1 RoHS Compliant

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