

Technical Specification Sheet



Model: SG32-3939
Line: Power Monitoring



Smart Power Cord with in-line wireless power monitoring. IEC 60309 2P+E, 6h plug and connector. For use on a 32A, 250V circuit with circuit protection.

Radio zone must be set to the region where the cable will be used. Packet Power Ethernet Gateway required to receive data from wireless monitoring units.

Plug (M)	Connector (F)
A circular symbol representing a 3-pole, 3-wire IEC 60309 plug. It features three solid black circles arranged in a triangle (top-left, top-right, bottom-center) and a small semi-circle at the bottom.	A circular symbol representing a 3-pole, 3-wire IEC 60309 connector. It features three hollow circles arranged in a triangle (top-left, top-right, bottom-center) and a small semi-circle at the bottom.

Specifications:

Voltage	250
Amperage	32
Frequency	50 to 60 Hz
Male Plug	IEC 60309 2P+E, 2 Pole, 3 Wire grounding, 6h, IP44
Female Connector	IEC 60309 2P+E, 2 Pole, 3 Wire grounding, 6h, IP44
Connector Type	Pin and Sleeve

Cable Wire Gauge	4 mm ²
# of Wires	3
Wire Color Code	Brown, Blue, Green/Yellow
Cord Type	H07RN-F 3G4,0
Approx. Outside Diameter	12.5-13.5 mm (.49-.53 in)
Cable Length	~ 150 cm (59 in)
Weight	.95 kg (2.1lbs)
Monitoring Unit Housing	Molded Lexan 941A enclosure with integrated strain relief. UL V-0. 17.145 x 3.8 x 3.175 cm (6.75 x 1.5 x 1.25 in)
IP Rating	Not rated; IP44 available at an added cost.
Power Monitoring	Single Phase: V, A, VA, W, Wh, frequency, power factor
Power Usage	0.6W used for monitoring
Temperature Monitoring	Measures -7 to +45 C (+20 F to +113 F) +/- 2 degrees Celsius
Circuit Protection	None
Wireless Network Protocol	Proprietary frequency-hopping mesh network with optional encryption. Frequency range varies within 860-930MHz or 2.4 GHz depending on the region. Requires Packet Power Ethernet Gateway to collect data over wireless network.
Wired Network Protocols	- HTTPS to Packet Power EMX running locally or as a hosted service - SNMP V1/V2c/V3 - Modbus TCP/IP - Modbus and SNMP support require specific Ethernet Gateway models.
Ethernet Gateway Models	Packet Power Ethernet Gateway running firmware 6.3 or later
LED Indicators	Indicator lights: Orange (powered on), Blue (2.4 GHz radio, solid: powered on, blinking: active), Red (900 MHz radio, solid: powered on, blinking: active), Green (metering chip, blinking: okay, off: failed)
Made in USA	Yes
Product Warranty	1 Year
Certifications	UL/ANSI 61010-1, CSA 61010-1. IEC 61010-1:2001 and EN 61010-1:200. AS/NZS 4268: 2008. EU R&TTE ETSI EN 300 220-2 and ETSI EN 301 489-3, CENELEC EN 61326-1; IEC 61326-1:2005;:1997. FCC Class B device