

Technical Specification Sheet

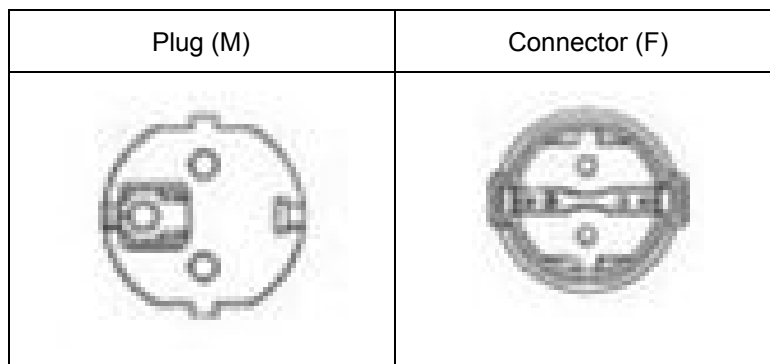


Model: SG16-E7E7
Line: Power Monitoring



Smart Power Cord with in-line wireless power monitoring. Schuko / CEE7 plug and connector. For use on a 16A, 240V 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.



Specifications:

Voltage	240
Amperage	16
Frequency	50 to 60 Hz
Male Plug	Schuko / CEE7, 2 Pole, 3 Wire grounding, molded to cord
Female Connector	Schuko / CEE7, 2 Pole, 3 Wire grounding, molded to cord
Connector Type	Non-locking
Cable Wire Gauge	2.5 mm ²
# of Wires	3
Wire Color Code	Brown, Blue, Green / Yellow

Cord Type	SJT 300V 105C
Approx. Outside Diameter	10.9-12.2 cm (.43-.48 in)
Cable Length	150 cm (~ 59 in)
Weight	1.5lbs
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
Power Monitoring	Single Phase: V,A, VA, W, Wh, frequency, power factor
Power Usage	0.6W used for monitoring
Temperature Monitoring	Measures 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