SolarEdge Home Smart Socket

SEM-SKT-X13-00

5 YEAR WARRANTY

Optimize energy consumption by controlling appliance usage

▰ Controls dedicated permanently connected appliances

▰ Controls devices for increased backup time

▰ Increases savings and reduces grid dependency by maximizing solar energy consumption

▰ Seamlessly integrates into the SolarEdge Home ecosystem with SolarEdge Home Network

▰ Offers a single source for warranty, support, and training, to streamline logistics and operations

▰ Switching relays support a wide AC and DC voltage range

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/ SolarEdge Home Smart Socket

SEM-SKT-XXX-XX

	SEM-SKT-E13-00	SEM-SKT-F13-00	SEM-SKT-G13-00	SEM-SKT-L13-00	Units
POWER					
AC Input Voltage	90 – 250				Vac
AC Frequency	50 / 60				Hz
Switch Current	13				A
Poles	1				
Relay Switching Cycles	> 20,000				
Operating Hours	50,000				hr
Installation Altitude	2000 / 6562				m / ft
Measurement Accuracy	1				%
Power Consumption	< 1.5				W
ENVIRONMENTAL					
Operating Temperature	-10 to +50 / +14 to +122				°C / °F
Storage Temperature	-20 to +60 / -4 to +140				°C / °F
Relative Humidity (non-condensing)	0 – 95				%
Ingress Protection	IP30				
DIMENSIONS					
Dimensions L x W x H	50 x 40 x 80 / 1.96 x 1.57 x 3.15				mm / in
COMMUNICATION					
Supported Communication Protocol	SolarEdge Home Network				
Device Configuration	Monitoring platform/app or SetApp; Ethernet connection is required				
Operating Frequency Range	868 – 868.6 (EU) 915 – 928 (AUS)				MHz
Modulation	O-QPSK (Quadrature phase shift keying)				
EIRP with Antenna	17				dBm
TEMPERATURE SENSOR					
Ambient Temperature Sensing Accuracy	±0.5				°C
STANDARD COMPIANCE					
Applicable Safety Standards	IEC 60730-1:2013+AMD1:2015+AMD2:2020 CSV; UL 916:2021 Ed.5; UL 60730-1:2016 Ed.5; CSA E60730-1:2015 Ed.5				
EMC Standards	IEC/UL/EN 60730-1; EN 301 489-1; EN 301 489-3; EN 61000-3-2; EN 61000-3-3; FCC Part 15, Class B				
Radio Standards	EN 300 220; FCC 15.247C				
Certification Mark	CE, ETL				