

SolarEdge Home Smart Socket

SEM-SKT-X13-00



Optimize energy consumption by controlling appliance usage

- / Controls dedicated permanently connected appliances
- / Controls devices for increased backup time
- / Switching relays support a wide AC and DC voltage range
- / Offers a single source for warranty, support, and training, to streamline logistics and operations
- / Increases savings and reduces grid dependency by maximizing solar energy consumption
- / Seamlessly integrates into the SolarEdge Home ecosystem with SolarEdge Home Network

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	SEM-SKT-E13-00	SEM-SKT-F13-00	SEM-SKT-G13-00 ⁽¹⁾	SEM-SKT-L13-00 ⁽¹⁾	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 COMPLIANCE					
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		

(1) In development. Specifications are subject to change.