

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
- / 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

/ 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 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 | | | |