



Smart Plug
SAFETY INSTRUCTIONS
SUN-SMART-PLUG01-I

Insert the smart plug into the existing socket in the power supply line, and then plug the plug of the micro inverter or single-phase load into the smart plug. After the first installation of the smart plug, channel scanning is required to find the communication channel of the transmitting end in order to establish communication with the transmitting end.

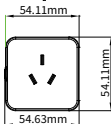
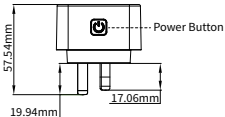
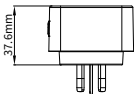
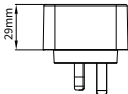
Safety Instructions

Labels	Description
	Symbol for the marking of electrical and electronics devices according to Directive 2002/96/EC. Indicates that the device, accessories and the packaging must not be disposed as unsorted municipal waste and must be collected separately at the end of the usage. Please follow Local Ordinances or Regulations for disposal or contact an authorized representative of the manufacturer for information concerning the decommissioning of equipment.
	Voltage-free only when the plug is pulled.
	Do not stack for use.
	No plug-in devices
	Indoor use.



RCM mark of conformity.

Product Overview



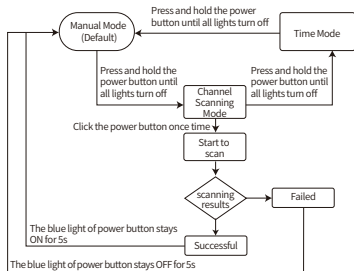
Explanation Of Operating Modes

Indicator	Status	Meaning
Blue light	Steady ON(5s duration)	Lora communication succeeded
	Steady OFF(5s duration)	No lora communication
	Steady ON (5s duration) → Blink 2 times → Cyclic	Manual mode (default)
	Steady OFF (5s duration) → Blink 2 times → Cyclic	
	Steady ON (5s duration) → Blink 3 times → Cyclic	Time mode
	Steady OFF (5s duration) → Blink 3 times → Cyclic	
Green light	Steady ON(5s duration)	The relay is engaged
	Steady OFF(5s duration)	The relay is disconnected
	Steady ON (5s duration) → Blink 1 times → Cyclic	The relay is overcurrent
	Steady OFF (5s duration) → Blink 1 times → Cyclic	The relay is overcurrent

Indicator	Channel scanning	Updating
Blue light	Blink 4 times in 1s, and cycle at 2s intervals: Ready to scan channel. ↓ Click the power button once ↓ In a steady flashing state:Channel scanning ↓ Stay ON for 5s: Channel scan successful Stay OFF for 5s: Channel scan failed	Steady light
	Green light	Steady light

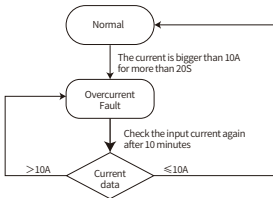
Explanation of modes:

Manual Mode: The smart plug can be turned ON/OFF through its own power button, the LCD of the inverter, the APP on the smartphone, or the web page of the cloud platform.



Time Mode: Use the programmable schedule to control the ON/OFF state of the Smart Plug, its own power button cannot control its ON/OFF.

Channel scanning: The smart plug will scan the communication channel of the transmitter from channel 0 to channel 9.



Technical Data

Model: SUN-SMART-PLUG01-I	
Electrical Parameters	
Rated Voltage(V)	220-250Va.c.
Maximum Current(A)	10Aa.c.
Frequency and Range	50Hz(45Hz-55Hz)
Communication	
Communication Model	LoRa
LoRa Communication Distance	200m(Unobstructed)
Basic Parameters	
Working Temperature Range	-40 to +60°C
Ingress Protection(IP) Rating	IP20
Protection Level	CLASS I
Allowable Altitude	≤3000
Product size	54.6x54.1x37.6mm
Weight	0.08kg
Warranty	5 Years
Standard	AS/NZS 3105:2014+A1; AS/NZS 3100:2022+A1+A2
LoRa	
Frequency Range	920MHz-928MHz
Antenna	Internal antenna
Antenna Gain	1.58dBi@928MHz

Regarding the commissioning of smart devices

Please scan the QR code below for the commissioning instructions of the smart devices.



Contact Information

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