

Zigbee Gateway



SP1-Zigbee-GW-W

3 years warranty, 20 years longlife span

Product Description

SP1-Zigbee-GW series products are SolarPilot data acquisition products, which use 2.4G wireless solutions to collect information and data from field optimizers, and send data to SolarPilot cloud platform through Ethernet and Wi-Fi communication methods.

Applicable scenarios

Flexible and stable

Ethernet and Wi-Fi communication methods are supported.
Support RS485 to communicate with external devices.

Intelligent O&M

Implement **component-level monitoring** and O&M functions.
Simulate the actual component layout and dynamically display the component status.

Second-level monitoring

Component parameters are collected **every 60 seconds**.
Perform anomaly analysis in real time.

Applicable scenarios



Multi-orientation



Dust effect



Attenuation loss



Snow effect



Shading loss

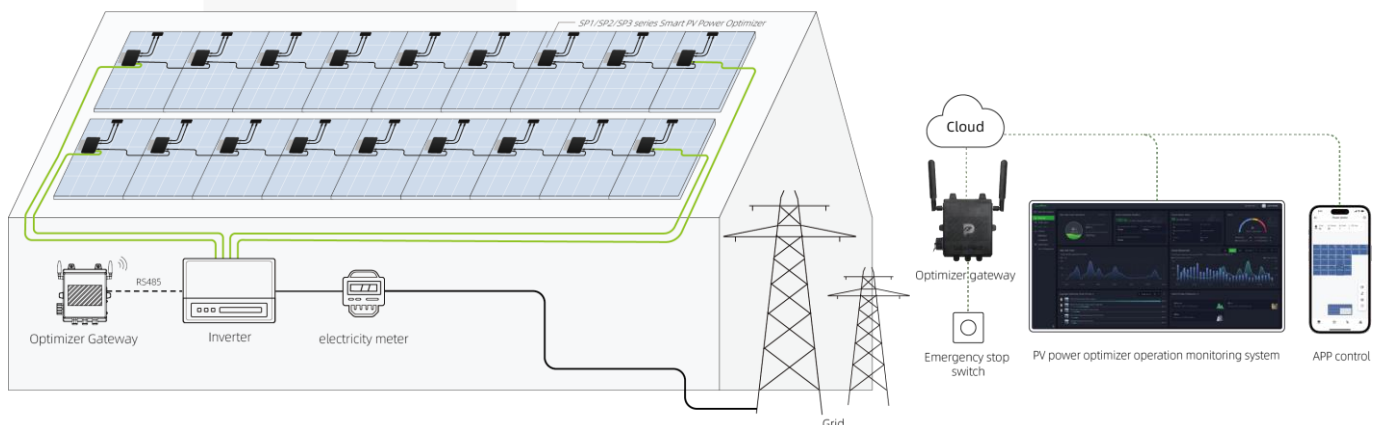


Different title Angle






Works with double-side panels

System architecture



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SP1-Zigbee-GW-W specifications

Product specification		SP1-Zigbee-GW-W
Communicate with Optimizer	Telecommunication protocol	Zigbee wireless communication
	Maximum distance	30m Indoor/100m Outdoor
	Maximum number of connecting devices	30 PCS
Communication with RSD button	Control mode	I/O
Communicate with Cloud Computing Platforms	Wired Internet access	RJ45×1 100Mbps
	Wireless Internet access	Wi-Fi 802.11b/g/n 2.4G
	Number of antennas	2
	Sampling interval	1 minute
Expand communication connections	RS485	COM×1 , 9600bps , ModBus-RTU
General parameters	Working temperature	-20°C ~ 55°C
	Dimension	181mm*163mm*51mm (height*width*thickness)
	Weight	≤200g
	Working altitude	2000m
	Installation method	Wall-mounted
	Ingress Protection	IP65
	Power supply	DC 12V (Outsourcing)
Specification	Complying with	CE、RoHS
Compatibility with Optimizer	Model	SP1、SP2、SP3
Certificates	  	It can be sold in Germany, Australia, China and other countries and regions.



SolarPilot Energy APP

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