



Basic Information

Product	Zigbee Gateway
Protocol	Zigbee
Model	SP1-zigbee-GW-W (G)
Warranty	3 years
Life Circle	10 years+

Certificate

  IEC 60529, 2024/53/EU



SolarPilot Energy APP



Android



IOS

1. “SolarPilot Energy” in APP Store or Google Play
2. Scan above QR code to download the APP

Specification

Communicate with Optimizer	Communication Protocol	Zigbee wireless
	Max. data transmission distance	≤30m(indoor), ≤100m(outdoor)
	Max. number of connected devices	≤30 pcs optimizers
Expandable Connection	RSD button control mode	I/O
	RS485 connection	COMx1, 9600bps, Modbus–RTU
Communicate with Cloud Computing Platform	Wired internet access	RJ45x1, 100Mbps
	Wireless internet access	WiFi 4G
	The number of antennas	2
	Data sampling interval	1min (I/V/P) / 5min / 15 min
Configured Components	Reset button	Reset button x 1
	Indicator light	LED x 2
	Monitoring APP	SolarPilot Energy APP
	Dimension	181mm*163mm*51mm
General Parameters	Net Weight	≤200g
	Degree of protection	IP 65
	Storage temperature	–40℃ ~ 70℃
	Working temperature	–20℃ ~ 55℃
	Working humidity	5% ~ 95%
	Working altitude	≤2000m
	Power supply	DC 12V
	Power consumption	≤4W
	Installation method	Wall-mounted
	Compatible optimizers	SP1, SP2, SP3 series
Others	Compliant standards	CE, RoHS, RED
	Recommended scenarios	residential rooftop, small commercial solar plant

