



Basic Information

Product	WiSUN Gateway
Protocol	WiSUN
Model	SP4-WiSUN-GW-N (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/Rapid Shutdown	Communication Protocol	WiSUN wireless	
	Max. data transmission distance	≤500m(indoor), ≤1000m(outdoor)	
	Max. number of connected devices	≤300 pcs optimizers/rapid shutdown devices	
System Settings	CPU	Quad core ARM Cortex-A53 @1.6 GHz	
	RAM	2G	
	Memorizer	8GB eMMC	
	OS system	Linux 5.10.160	
Communicate with Cloud Computing Platform	WAN	RJ45x1 1000Mbps (WAN)	
	LAN	RJ45x1 100Mbps (LAN)	
	HDMI	1080P	
	Console port	USB-C	
	WiSUN	868MHz-Europe, 915MHz-North America	
	4G	No 4G (model-N) / CAT1, SIM card (model-G)	
	RS485	COM x 3	
	CAN	CAN x 1	
	DI	DI x 4	
	DO	DO x 2	
	Data sampling interval	1min (I/V/P) / 5min / 15 min	
	Configured Components	Reset button	Reset button x 1
		Indicator light	LED x 3
Monitoring APP		SolarPilot Energy APP	
Dimension		190mm*84.8mm*38.7mm	
General Parameters	Net Weight	≤800g	
	Degree of protection	IP 20	
	Storage temperature	-40°C ~ 70°C	
	Working temperature	-20°C ~ 55°C	
	Working humidity	5% ~ 95%	
	Working altitude	≤2000m	
	Power supply	DC 12V	
	Power consumption	≤4W (N) ≤6W (G)	
	Installation method	Fixed on DIN35mm guide rail	
	Compatible optimizers	SP4, SP5 series	
Others	Compliant standards	CE, RoHS, RED	
	Recommended scenarios	Commercial & industrial solar plant	