



Basic Information

Product	PV RSD for 2xPV modules
Model	SP5-RSD-AG
Warranty	25 years
Life Circle	25+ years

Certification



SolarPilot Energy APP



Android



IOS

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

Specification

Communication	Communication type	Wi-SUN (868MHz)
	Maximum input power	1600W(2x800W)
DC Input (2-way)	Maximum input voltage	150V(2x75V)
	Maximum input current	20A 20A
	Input voltage range	15V~75V 15V~75V
	Maximum output power	1600W
DC Output	Maximum output voltage	150V
	Maximum output current	20A
	Shutdown output voltage	2V(±10%)
Detection Accuracy	Voltage	0.01V
	Current	0.01A
General Parameters	Dimension	137mm*83mm*37mm
	Net weight	≤980g
	Ingress Protection	IP68
	System voltage	1500V
	Data sampling interval	1min (I/V/P) /5min/15min
	Wireless data transmission distance	≤50m(indoor),≤200m(outdoor)
	Input DC cable length	0.5m 1.2m 1.2m 0.5m
	Output DC cable length	1.8m 1.8m
	Connector	EVO2
	Operating temperature	-40°C ~ 85°C
	Operating humidity	0% ~ 100%
	Operating altitude	≤2000m
	Power supply	PV panel
	Shutdown time	≤10S
	Installation method	Clip-on installation
Function	Bypass cut-off function	YES
	Auto shutdown function	YES
	Manual shutdown function	YES
	DC over-voltage protection	YES
	DC over-load protection	YES
	Reverse polarity protection	YES
	Over-temperature protection	YES
	Wireless data collection	YES,work with SolarPilot WiSUN gateway