

HS4-A-O PV smart optimization shutdown



Basic Information

intelligent optimization shut-off

Power 600W/800W

Model HS4-A-O

warranty period 10years

lifetime 25 years

Certificate  

Product specification

Product Model		HS4-A-O
Efficiency	Maximum efficiency	≥99.5%
	Euro-area efficiency	≥99.0%
	North American efficiency	≥99.1%
	Efficiency in China	≥99.1%
DC Input	Maximum input power	800W
	maximum input voltage	70 V
	Maximum input current	15 A
	MPPT voltage range	10~70 V
	Starting voltage	15 V
DC Output	Output power	0~800W
	Output voltage	0~70 V
Function	Maximum output current	18 A
	Bypass cut-off function	Yes
	Automatic shutdown function	Yes
	Manual shutdown function	Yes
	Dc overvoltage protection	Yes
	Dc overload protection	Yes
	Polarity reverse protection	Yes
	Short-circuit protection	Yes
	Wireless data acquisition	Yes
	Detection Precision	Voltage
Circuit		0.01 A
General Parameter	Size	95mm*129mm*56mm
	Weight	≤1000 g
	Level of protection	IP68
	System voltage	1100 V
	Data reporting cycle	1 minute
	Wireless distance	≤100m indoor ≤30m outdoor
	Dc input/output terminals	MC4
	Input DC line length	≥0.12m
	Output DC line length	≥1.3m
	Operating temperature	-45°C~85°C
	Storage temperature	-40°C~70°C
	Operating humidity	0%~100%
	Working altitude	2000 m
	Power supply mode	DC power supply
	Turn-off time	10s
	Way to install	Fixed bracket/fixed PV panel frame

HS4-A-M PV smart gateway



Basic Information

intelligent gateway

Communication protocol Zigbee

Model HS4-A-M

warranty period 3years

lifetime 10 years

Certificate



EN 62368, EN 300328, EN301489-1, EN301489-17, EN62311, EN55032, EN55035, EN61000-3-2, EN61000-3-3

Product specification

Product Model		HS4-A-M
communication	Communication protocol	Zigbee
	Wireless distance	100m outdoor 30m indoor
	Maximum number of connected	30
Communicate with the quick break button	Control mode	IO
	Wired Internet access	RJ45×1 100Mbps
Communicate with the cloud	Wireless Internet access	Wifi 802.11b/g/n 2.4G
	Number of antennas	2
	Sample interval	1 minute
Extended communication interface	RS485	COM×1, 9600bps, ModBus-RTU
Interaction	Reset button	Self-reset button*1
	pilot lamp	LED pilot lamp*2
	APP	Monitoring APP
General Parameter	Operating temperature	-20°C~55°C
	Size	181mm*163mm*51mm (L*W*H)
	Weight	≤200g
	Way to install	Wall mounting
	Level of protection	IP65
	Power supply mode	DC 12V power supply
Certificate		CE ROHS

HS4-A-O and HS4-A-M work together
 Web: <https://solar-eu.solarpilot.com/>
 APP:google play or apple store /solarpilot