

# OFF-GRID INVERTER

SONAR 5K WPV



Support Li-ion battery, advanced battery management integrated for Lead-acid battery



Advanced paralleling technical to support 9 units paralleling

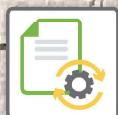


2 MPPT charger controllers integrated with HV and LV MPPT models



WIFI/GPRS remote monitoring, setting and upgrade

Local monitoring, setting, upgrade supported



Flexible working modes with settable charge and load power supply priority

Support solar and AC take the load jointly, working as hybrid



Support micro grid system with separate generator input terminal, and can remote control generator



Output Data	SNA 3000 WPV	SNA 4000 WPV	SNA 5000 WPV
Rated power	3000W/3000VA	4000W/4000VA	5000W/5000VA
Parallel capacity	YES	YES	YES
Normal output voltage	230/240, Split phase 220/110 Vac *	230/240, Split phase 220/110 Vac *	230/240, Split phase 220/110 Vac *
Normal output frequency	50/60Hz	50/60Hz	50/60Hz
Surge power	6000VA	8000VA	10000VA
Switch time	10ms	10ms	10ms
Waveform	Pure sine wave	Pure sine wave	Pure sine wave

Battery Data	SNA 3000 WPV	SNA 4000 WPV	SNA 5000 WPV
Battery Type	Lithium/Lead-Acid	Lithium/Lead-Acid	Lithium/Lead-Acid
Normal Voltage	51.2V/48V	51.2V/48V	51.2V/48V
Max. Charge Voltage	59V	59V	59V

Solar Charger Data	SNA 3000 WPV	SNA 4000 WPV	SNA 5000 WPV
Max. Recommended PV Power	6000W	6000W	6000W
MPPT Tracker	2	2	2
Max. PV Open Circuit Voltage	480Vdc	480Vdc	480Vdc
MPPT Voltage Range	100-385Vdc	100-385Vdc	100-385Vdc
Max. Solar Charge Current	100A	100A	100A
Max. MPPT Efficiency	>98%	>98%	>98%
Parallel MPPT Charger	YES	YES	YES

AC Charger Data	SNA 3000 WPV	SNA 4000 WPV	SNA 5000 WPV
Normal Voltage	230Vac	230Vac	230Vac
AC Voltage Range	110-280Vac	110-280Vac	110-280Vac
Max. Charge Current	60A	60A	60A
Frequency Range	50/60Hz(Auto Sensing)	50/60Hz(Auto Sensing)	50/60Hz(Auto Sensing)

General Data	SNA 3000 WPV	SNA 4000 WPV	SNA 5000 WPV
Dimensions(W/H/D)	504x330x135mm	504x330x135mm	504x330x135mm
Weight	14Kg	14Kg	14Kg
Protection Degree	IP 20	IP 20	IP 20
Relative Humidity	5%~95% Relative Humidity(Non-condensing)		
Operating Temperature	0~50°C	0~50°C	0~50°C
Storage Temperature	-15°C~60°C	-15°C~60°C	-15°C~60°C

Interfaces	SNA 3000 WPV	SNA 4000 WPV	SNA 5000 WPV
Display	LCD+LED	LCD+LED	LCD+LED
Lithium Battery Communication	CAN/RS485	CAN/RS485	CAN/RS485
RS485/Dry Connector	YES/YES	YES/YES	YES/YES
Wifi/GPRS	YES/YES	YES/YES	YES/YES
Warranty	2years	2years	2years

\* For split phase version