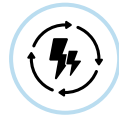


Model AIO 3K/24V



ON & OFF GRID SOLAR INVERTER



High Efficiency



Battery Compatibility



Grid & Off-Grid Operation



Protection Features



Remote Monitoring



Durable Enclosure

Solar Input & Battery Info

Input Voltage Range	110-450VDC
Max Voltage	450VDC
Max Power	3000W
Max Charge Current	100A
Type	Pb/Li
Rated Voltage	24VDC
Cell Voltage Range	20.4-29.2V (Li), 20-30V (Pb)
Max Charge Current	100A
Float Voltage	27.6V (Pb), User-Defined for Li
Avg Voltage	28.8V (Pb), User-Defined for L

Solar Input & Battery Info

Rated Voltage	230Vac
Voltage Range	UPS 170-270Vac
	APL 90-280Vac
Max Input Voltage	280Vac
Input Frequency	50Hz/60Hz
Freq Range	40-65Hz
Conversion Time	UPS 10ms
	APL 20ms
Max AC Charge Current:	60A

Protection & Basic Specs

Overvoltage, Overload, Short Circuit, Over Temp	Present
Size (H/W/D)	380/252/103mm
Weight	6.3kg
Noise	≤48dB
Use Temp	-20°C to +55°C
Storage Temp	-15°C to +60°C
Humidity	0~90% (No Condensation)
Altitude	≤6000m

Inverter Output Specs

Output Capacity:	3KW
Output Voltage:	230/208/240Vac
Voltage Accuracy:	±5%
Output Frequency:	50/60Hz
Freq Accuracy:	±2%
THD:	≤3% (Linear Load)
Power Factor:	1.0
Max Efficiency:	95.5%

