

Single Phase Hybrid Inverter

VMS-V-3.2K-24

SOERIC



MPPT with 400VDC Max voltage input and 80A Max PV charging



Detachable dust cover



Wifi monitoring enabled



Lithium ion battery and BMS compatibility

Technical Data

Model	VMS-V-3.2K-24
Rated Power	3000W
Waveform	Pure sine wave
Battery Charging	
Battery Voltage	24VDC
Floating Charge Voltage	27VDC
Overcharge Protection	33VDC
Maximum AC Charge Current	60A
MPPT	
Maximum PV Array Power	400VDC
MPPT Range	40-400VDC
Maximum PV Array Open Circuit Voltage	400VDC
Maximum Charging Current	80A
AC INPUT & OUTPUT	
Surge Power	6400VA
AC Input Voltage Range (PC)	70-280VAC
AC Input Voltage Range (Home Appliances)	90-280VAC
AC Output Voltage	230VAC
Frequency Range	50 Hz/60 Hz (Auto sensing)
Transfer Time (PC)	10ms
Transfer Time (Home Appliances)	20ms
AC Voltage Regulation (Battery Mode)	230 VAC \pm 5%
Efficiency (PV to INV)	98%
Efficiency (Battery to INV)	94%
Physical	
Dimension (DxWxH)	348 x 270 x 95mm
Net Weight	5kg
Communication Interface	RS232/WiFi
Operating Environment	
Humidity	5% to 95% (Non-condensing)
Operating Temperature	-10°C to 50°C
Storage Temperature	-15°C to 60°C