

VMS Series [On/Off Grid Hybrid]

4.2 / 6.2KW 220/230/240Vac Output (PV 60-450Vdc)



SOLAR INVERTER



MODEL	VMS-V-4.2K-24-H	VMS-V-6.2K-48-H
Rated Power	4200W	6200W
AC Input / Output		
Voltage	220/230/240 VAC	
Output Waveform	Pure sine wave	
Frequency Range	50 Hz/60 Hz	
Grid-tie Output:		
Feed-in Grid Voltage Range	195~253VAC	
Feed-in Grid Frequency Range	49~51±1HZ/59~61±1HZ	
Maximum Load	4200W	6200W
Maximum Second Load	1400W	2066W
Battery & AC Charger		
Battery Voltage	20-33 VDC	40-63VDC
Floating Charge Voltage	27 VDC	54 VDC
Overcharge Protection	33 VDC	63 VDC
Solar charger & AC charger		
Solar Charger Type	MPPT	
Maximum PV Array Power	6200W	6500W
Max Solar Charging Current	120A	120A
MPPT Range @ Operating Voltage	60~450VDC	
Maximum Solar Charge Current	120A	
Max AC Charging Current	100A	100A
Nominal PV Voltage	24CVDC	360 VDC
Maximum PV Array Open Circuit Voltage	500 VDC	
BMS Communication Interface	RS485	
APP Monitoring Interface	RS232	
Physical		
Dimension, DxWxH (mm)	120 x 344 x 440mm	
Net Weight (kgs)	8.5kg	9.4kg
Operating Environment		
Humidity	5% to 95% Relative Humidity(Non-condensing)	
Operating Temperature	-10 °C - 50 °C	
Storage Temperature	-15 °C - 60 °C	