

Off Grid Solar Inverter

VMI 1500-12
VMI 3000-24



Pure Sine wave solar inverter



Low no-load loss, lower than high-frequency machines with the same power rate



High range of PV Input
30~400VDC



Battery equalization function to optimize battery performance and extend life cycle



Built-in 80A MPPT solar charger



Built-in dust filter kit, suitable for harsh environments



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Model	VMI 1500-12	VMI 3000-24
Rated power	1500VA/1500W	3000VA/3000W
Input		
Voltage	230VAC	
Selectable Voltage Range	170-280VAC(for personal computers) 90-280VAC(for home appliances)	
Frequency Range	50Hz/60Hz (Auto sensing)	
Output		
Voltage	230VAC±5%	
Surge power	3000VA	6000VA
Transfer Time	10ms (for personal computers) 20ms (for home appliances)	
Wave form	Pure Sine Wave	
Battery & AC Charger		
Battery Voltage	12VDC	24VDC
Floating Charge Voltage	13.5VDC	27VDC
Overcharge Protection	15.5VDC	31VDC
Maximum charge current	60A	
Solar Charger		
MAX.PV Array Power	2000W	3000W
MPPT Range@Operating Voltage	30~400 VDC	
Maximum PV Array Open Circuit Voltage	400VDC	
Maximum Charging Current	80A	
Maximum Efficiency	98%	
Physical		
Dimension.D*W*H(mm)	430*350*180	
Gross weight (kgs)	5	6
Communication Interface	RS232(Standard) GPRS/WIFI(Optional)	
Operating Environment		
Humidity	5% to 95% Relative Humidity(Non-condensing)	
Operating Temperature	-10°C to 50°C	
Storage Temperature	-15°C to 60°C	