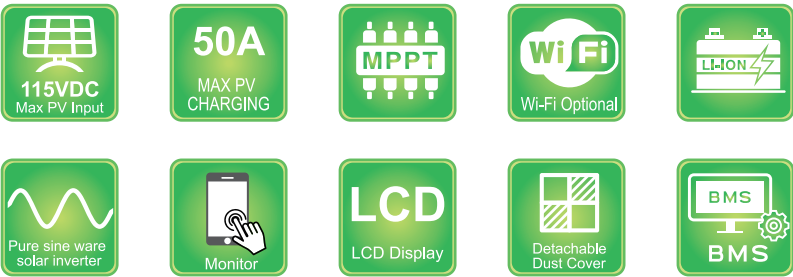


Off Grid Inverter

1.2 KW 220 / 230Vac Output (PV 17-115Vdc)



MODEL	VMS-V-1.5K-12
Rated Power	1200W
AC Input	
Rated Input Voltage	208/220/230/240:L+N+PE
Voltage Range	90~280(APP mode); 170~280 (UPS mode)
Frequency Range	50 Hz/60 Hz (Auto sensing)
AC Output	
Rated Capacity	1.2KW (Output Power rating will be reduced to 90%when setting the Output Voltage to 208V)
Surge Power	2.4KVA
Voltage	208/220/230/240 VAC
Power Factor	1PF
Frequency(Hz)	50/60Hz+0.1%
Switch Time (ms)	10ms (APP/UPS/GEN mode)
WaveForm	Pure SineWave
Overload Capacity (Battery Mode)	60s@102%~110%oad:10s@120%~200%load
Max. Efficiency (Battery Mode)	90%@12VDC
Charger(PV/AC)	
Solar Charger Type	MPPT
Max PVInput Current/Power	18A/800W
MPPT Range@Operating Voltage (VDC)	17~115 VDC
PV Start-up Voltage	20VDC
Max PV Open Circuit Voltage (VDC)	115VDC
Max PV Charge Current (A)	50A
Max AC Charge Current(A)	50A
Max. Charge Current (PV+AC) (A)	100A
Battery	
Normal Voltage (VDC)	12VDC
Battery Type	Lithium and Lead-acid
General Data	
HML	LCD
Interface	RS485/RS232
Monitoring	WiFi(Optional)
General Data	
Relative Humidity	5% to 95% Relative Humidity(Non-condensing)
Operating Temperature	-10 °C - 60 °C
Storage Temperature	-15 °C - 60 °C
Max. Operating Altitude	4000m(Derating above 1000m)