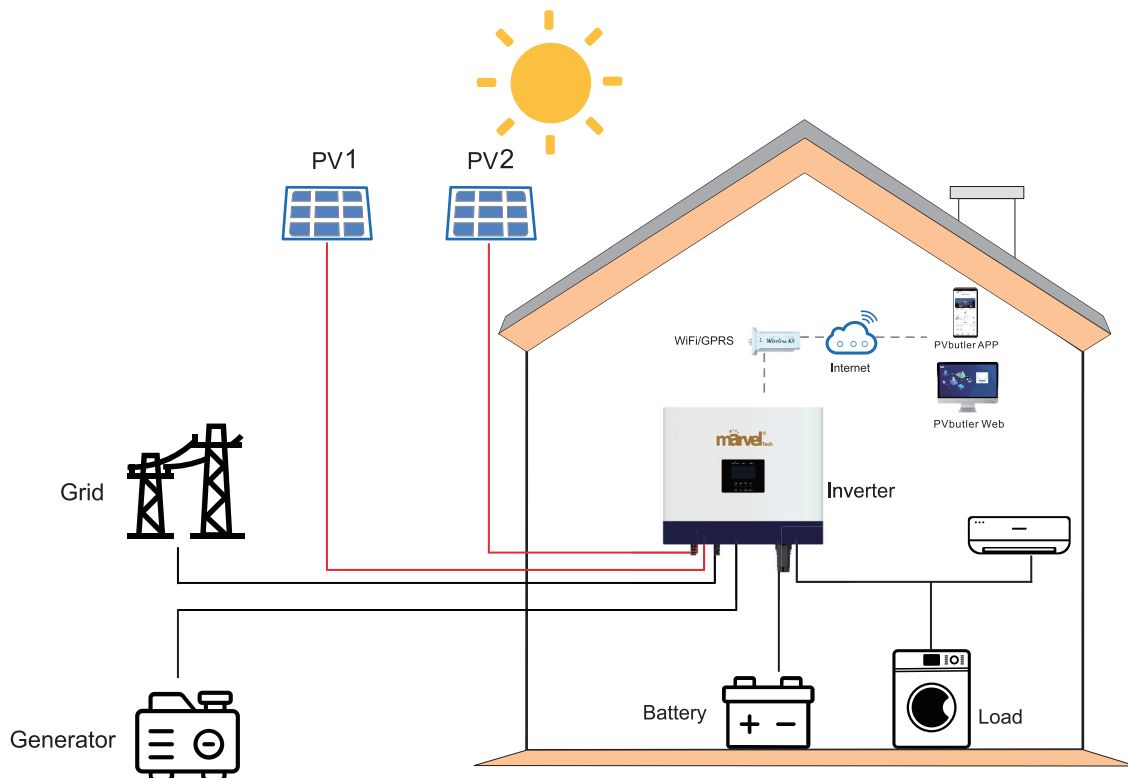


MIS 6048-80

High Frequency Off-Grid Solar Inverter

MAIN FEATURES

- ▶ Rated power at 6KW
- ▶ 2 strings of MPP tracking
- ▶ 500VOC high PV input voltage
- ▶ Max PV. array power 8000watt
- ▶ ATS built-in to switch automatically between grid and generator
- ▶ Built-in anti-dust kit for harsh environment
- ▶ MC4 PV input connector
- ▶ WiFi/GPRS monitor (optional)
- ▶ With the ability to work with or without battery
- ▶ RS485/CAN for lithium battery BMS
- ▶ Premium quality with 2 year warranty



Model		MIS 6048-80
Rated Power	6KVA/6KW	
System DC Voltage	48Vdc	
Parallel Option	Yes, up to 6 units (built-in)	
Monitoring Option	WiFi/GPRS	
Inverter Output		
AC Output	220V-230V-240VAC	
Surge Power	12000VA	
Peak Conversion Efficiency	94%	
Transfer Time	10ms (for personal computers) 20ms (for home appliances)	
Waveform	Pure sine wave	
Self Consumption at 0 Load	< 70watt	
Solar Charger		
Type of PV Array Input Terminal	MC4	
Max. PV Array Open Circuit Voltage	500Voc	
Max. PV Input Current/Per String	16A	
Number of PV Array Input	2 Strings	
Max. PV Array Power	Each String: 4000watt; Total 8000watt	
MPPT Working Range	120-450VDC	
Battery Overcharge Protection	60VDC	
Max Solar Charge Current	100A	
AC Charger (Grid/Generator)		
Max. Grid Charge Current	80A	
Max. (AC+PV) Charge Current	100A	
Protection	Overload, Short circuit, Overcurrent, Overvoltage, Undervoltage, Over-Frequency, Under-Frequency, Overheat, Lightning, Surge Power	
Physical		
Dimension	460x395x132mm	
Net Weight	13.5kg	
Communication Interface	CAN/RS485/USB	
Environment		
Humidity	5% to 95% Relative Humidity (non-condensing)	
Altitude	< 2000m	
Operating Temperature	0°C ~ 55°C	
Storage Temperature	-15°C ~ 60°C	
Noise	< 60db	
Certificate	CE, IEC62109-1, IEC62109-2	