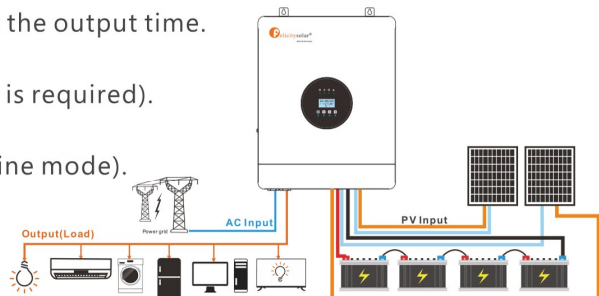


SOLAR INVERTER IVEM 8048



FEATURES

- Parallel connection quantity up to 6 units (Battery must be connected)
- Built-in MPPT solar charge controller (Supports 2 strings of solar input).
- The second path of the AC output can set the output time.
- Built-in Wi-Fi for mobile monitoring (APP is required).
- Equipped with dual-output (Single machine mode).
- Lithium battery activation function.





OVER LOAD



LOW NOISE



MAX 6 PCS
IN PARALLEL



SHORT CIRCUIT
PROTECTION



OVER TEMPERATURE
PROTECTION



MAX PV VOLTAGE

PRODUCT PARAMETERS

Model	IVEM8048
Line Mode Specifications	
Rated Output Power(VA)	8000VA
Rated Output Power(W)	8000W
Nominal DC Input Voltage	48V
Nominal Input Voltage	230Vac
Max. AC Input Voltage	280Vac
Nominal Input Frequency	50Hz / 60Hz (Auto detection)
Efficiency(Line Mode)	>95% (Rated R load, battery full charged)
Pass Through Without Battery	Yes
Utility Charge Mode Specifications	
Input Voltage Range	230Vac
Over Charge Protection	90-280Vac
Max. Charge Current	150A
Over Charge Protection	Yes
Solar Charging & Grid Charging	
Max.PV Open Circuit Voltage	500V
PV Voltage Working Range	90V-450V
Max. Input Power	10000W(5000W for single PV)
Max. Solar Charging Current	150A
Max. Charging Current(PV+Grid)	150A
Max. Input Current	20A X 2(MAX 40A)
Min. Startup Voltage	100V
Inverter Mode Specifications	
Output Voltage Waveform	Pure sine wave
Nominal Output Voltage	230Vac+5%
Nominal Output Frequency(Hz)	50±0.3Hz/60Hz±0.3Hz(Adjustable)
Parallel capability	Yes, up to 6 units
Peak Efficiency	94.5%
Over-Load Protection(SMPS load)	5s@≥150% load; 10s @105% ~150% load
Surge Rating	2* rated power for 5s
Capable of Starting Electric	Yes
Output Short Circuit Protection	Yes
General Specifications	
Operating Temperature	0°C~55°C
Range Storage Temperature	-15°C~60°C
Net Weight(KG)	23.7KG
Gross Weight(KG)	27.4KG
Product Dimension(MM)	607*406*141MM
Package Dimension(MM)	712*582*259MM