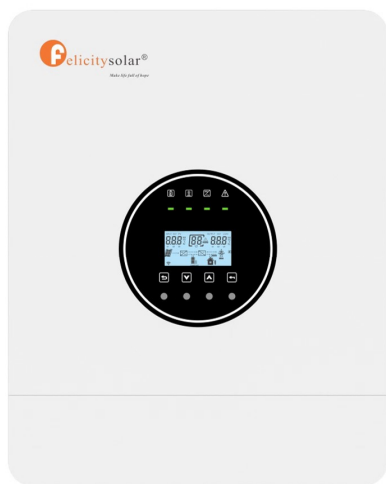
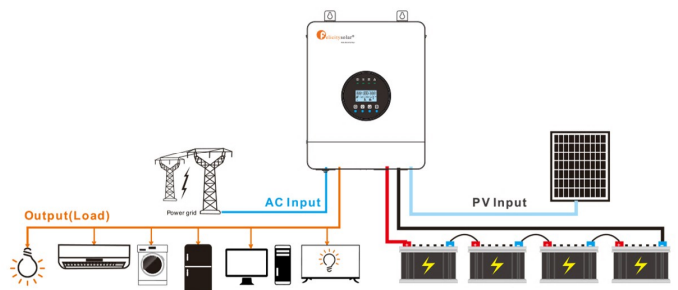


SOLAR INVERTER IVEM 6048



FEATURES

- Parallel connection quantity up to 12 units for 6KVA model (Battery must be connected)
- Configurable battery charging current based on applications via LCD setting.
- Configurable AC/Solar Charger priority via LCD setting.
- Compatible to mains voltage or generator power.
- Built-in MPPT solar charge controller.
- Lithium battery activation function.
- Auto restart while AC is recovering.
- Inverter running without battery.
- Pure sine wave inverter.
- Cold start function.





**CHARGING
PROTECTION**



**SUPPORT A
VARIETY OF BATTERIES**



**MAX 12 PCS
IN PARALLEL**



**WORKING
WITHOUT BATTERY**



LOW NOISE



MAX PV VOLTAGE

PRODUCT PARAMETERS

Model	IVEM6048
Line Mode Specifications	
Rated Output Power(VA)	6000VA
Rated Output Power(W)	6000W
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	170~280Vac (For Home Appliances) 180~280Vac (For Computers)
Max. Charge Current	120A
Over Charge Protection	Yes
Solar Charging & Grid Charging	
Max.PV Open Circuit Voltage	500V
PV Voltage Working Range	95V-500V
Max. Input Power	6000W
Max. Solar Charging Current	120A
Max. Charging Current(PV+Grid)	120A
Max. Input Current	27A
Min. Startup Voltage	95V
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 12 units
Peak Efficiency	93%
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)	11.5KG
Product Dimension(MM)	420*335*142MM
Package Dimension(MM)	512*417*216MM