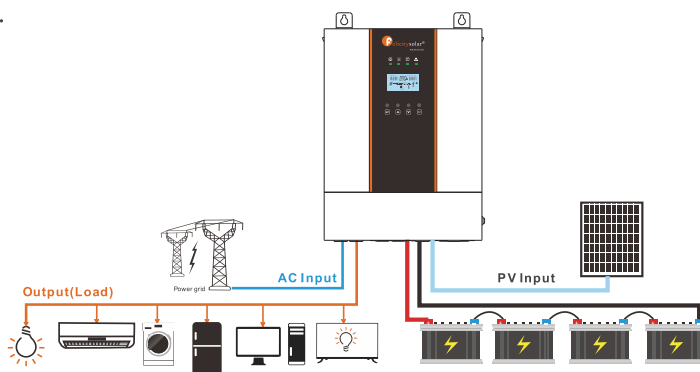


Solar Inverter IVEM 3024/5048



FEATURES

-  Configurable input voltage range for home appliances and personal computers via LCD setting.
-  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.
-  Auto restart while AC is recovering.
-  Lithium battery activation function.
-  Inverter running without battery.
-  Pure sine wave inverter.
-  Cold start function.





**CHARGING
PROTECTION**



**SUPPORT A
VARIETY OF BATTERIES**



**MAX 12 PCS IN
PARALLEL FOR 5KVA**



**WORKING
WITHOUT BATTERY**



LOW NOISE



MAX PV VOLTAGE

PRODUCT PARAMETERS

Model	IVEM3024		IVEM5048	
Line Mode Specifications				
Rated Output Power(VA)	3000VA		5000VA	
Rated Output Power(W)	3000W		5000W	
Nominal DC Input Voltage	24V		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				
Nominal Input Voltage	230Vac			
Input Voltage Range	90-280Vac			
Max. Charge Current	100A			
Over Charge Protection	Yes			
Solar Charging & Grid Charging				
Max. PV Open Circuit Voltage	500V			
PV Voltage Working Range	120V-500V			
Max. Input Power	4000W		6000W	
Max. Solar Charging Current	100A		100A	
Max. Charging Current(PV+Grid)	100A		100A	
Max. Input Current	15A		20A	
Min. Startup Voltage	125V			
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	No		Yes, up to 12 units	
Peak Efficiency	93%			
Over-Load Protection(SMPS load)	5.5s@≥150% load; 10.5s @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)	9.1KG		11.2KG	
Gross Weight(KG)	10.8KG		13.2KG	
Product Dimension(MM)	395*295*129MM		415*320*129MM	
Package Dimension(MM)	472*372*202MM		494*399*202MM	