










SOLAR INVERTER IVPM10048

-  Bypass charging function, AC charge available When the unit off.
-  Built-in MPPT Controller.
-  Grid electricity and battery power priority is optional.
-  90-280V AC Wide input voltage.
-  Higher charging current and adjustable.
-  Communicate with Felicity MPPT charge controller.
-  Intelligent protection, higher class of security.

Specification

Model	IVPM10048
Rated Output Power(VA)	10000VA
Rated Output Power(W)	8000W
Nominal DC Input Voltage	48V
Nominal Input Voltage	220Vac
Max AC Input Voltage	280Vrms
Nominal Input Frequency	50Hz/60Hz
Efficiency(Line mode)	≥95% (Rated R load, and battery is fully charged)
Pass Through Without Battery	No
Max Bypass Overload Current	AC 63A
Utility Charge Mode Specifications	
Nominal Input Voltage	220Vac
Input Voltage Range	90~280Vac
Nominal Output Voltage	Dependent on battery type
Max Charge Current	80A
Charge Current Regulation	0A~80A
Battery Initial Voltage	Circuit breaker
Charger Short Circuit	AC 63A
Breaker Size	Depends on battery type or Self-defined
Over Charge Protection	Yes
Solar Charging & Utility Charging (MPPT built-in controller)	
Max PV Open Circuit Voltage	195Vdc
PV Voltage Working Range	60~195Vdc
Max Input Power	6600W
Max Solar Charging Current	120A
Max Charging current(Utility + Solar)	200A
Inverter Mode Specifications	
Output Voltage Waveform	Pure sine wave
Nominal Output Voltage	220Vac±5%
Nominal Output Frequency(Hz)	50±0.3Hz/60Hz±0.3Hz (Adjustable)
Output Voltage Regulation	±5%rms
General Specifications	
Operating temperature	0°C ~40°C
Storage temperature	-15°C ~60°C
Net Weight(KG)	58.5KG
Gross Weight(KG)	70.6KG
Product Size (D*W*H)	615x420x195mm
Package Dimension(D*W*H)	690x480x335mm