

SOLAR INVERTER

IVPM Series

Upgrade system, Stronger protection



CHARGING
PROTECTION



SUPPORT A
VARIETY OF BATTERIES

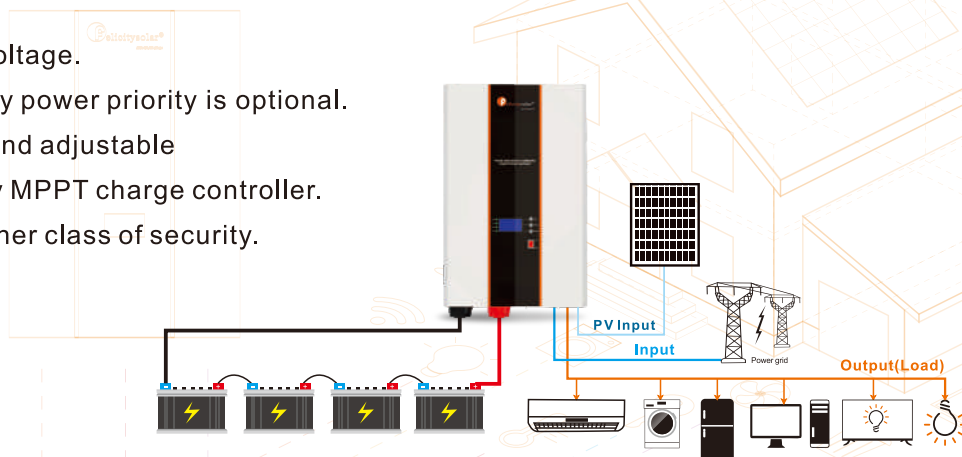


BUILT-IN MPPT



Product Advantages

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



PRODUCT PARAMETERS

Model	IVPM2512	IVPM2524	IVPM3524	IVPM3548	IVPM5024	IVPM5048	IVPM7548	IVPM10048
Rated Output Power(VA)	2500VA	2500VA	3500VA	3500VA	5000VA	5000VA	7500VA	10000VA
Rated Output Power(W)	2000W	2000W	2800W	2800W	4000W	4000W	6000W	8000W
Nominal DC Input Voltage	12V	24V	24V	48V	24V	48V	48V	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 30A				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	40A				50A		60A	80A
Charge Current Regulation	0A~40A				0A~50A		0A~60A	0A~80A
Battery Initial Voltage	Circuit breaker							
Charger Short Circuit	AC 30A				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	145Vdc	145Vdc	145Vdc	145Vdc	195Vdc	195Vdc	195Vdc	195Vdc
PV Voltage Working Range	15~145Vdc	30~145Vdc	30~145Vdc	60~145Vdc	30~195Vdc	60~195Vdc	60~195Vdc	60~195Vdc
Max Input Power	1100W	2200W	2200W	4400W	3300W	6600W	6600W	6600W
Max Solar Charging Current	80A	80A	80A	80A	120A	120A	120A	120A
Max Charging current(Utility + Solar)	120A	120A	120A	120A	170A	170A	180A	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)	25.3KG		30.7KG		34.7KG	32.9KG	41.6KG	58.5KG
Gross Weight(KG)	28.7KG		34.1KG		38.2KG	36.3KG	44.8KG	70.6KG
Product Size (D*W*H)	472x391x195MM				525x420x195MM			615x420x195mm
Package Dimension(D*W*H)	552x508x290MM				607x540x290MM			690x480x335mm