

Hybrid Solar Inverter HMII-PLUS Series



Intelligent Control

Smart control mode, auto switch for different demand
usb communication portal



High Efficiency

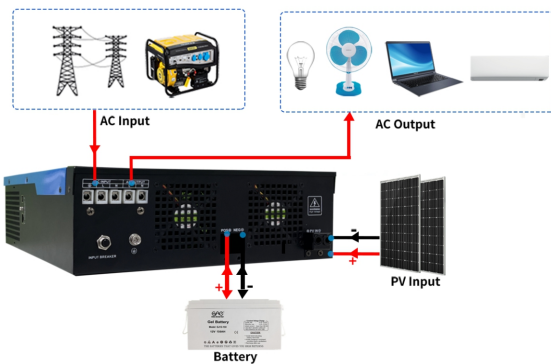
Power Factor PF:1
Inbuilt MPPT efficiency more than 99%



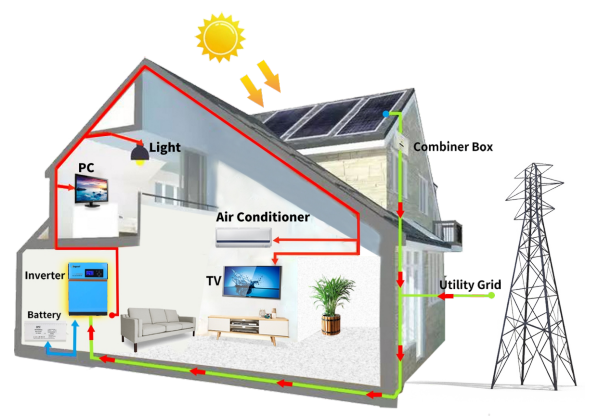
Battery Type

Inbuilt 60A AC charger
Inbuilt 100A MPPT solar charger

Connection



3D Visual



Technical Specification

Model	HMII-Plus-302	HMII-Plus -352	HMII Plus-502	HMII Plus -552
Rated Power	3000VA/3000W	3500VA/3500W	5000VA/5000W	5500VA/5500W
INPUT				
Voltage	230VAC			
Voltage Range	170-280VAC (For Person Computer); 90-280 VAC(For Home Appliances)			
Frequency Range	50Hz/60Hz (Auto switch)			
OUTPUT				
AC Voltage	230VAC ±15%			
Surge Power	6000VA	7000VA	10000VA	11000VA
Efficiency (Peak)	>95%			
Transfer Time	10ms (For Personal Computers); 20ms (For Home Appliances)			
Wave form	Pure sine wave			
BATTERY				
Battery Voltage	24VDC		48VDC	
Floating Charge Voltage	27VDC		54VDC	
Overcharge Protection Voltage	33VDC		63VDC	
SOLAR CHARGER & AC CHARGER				
Max. PV Array Open Circuit Voltage	500VDC		500VDC	
MPPT Range Operating Voltage	120-450VDC		120-450VDC	
Max. PV Array Power	4000W	5000W	4000W	5000W
Max Solar Charge Current	80A	100A	80A	100A
Max. AC Charge Current	60A		60A	
Max. Charge Current	140A	160A	140A	160A
PHYSICAL				
Dimension,D x W x H (mm)	190 x 370 x 560			
Net Weight (kgs)	11			
Communication Portal	USB/RS232			
ENVIRONMENT				
Humidity	5% to 95% Relative Humidity (Nonr-condensing)			
Operating Temperature	-10°C~50°C			
Storage Temperature	-15°C~60°C			

Approximate Back-Up Time Table

Model	Load (VA)	Backup Time 24VDC 100Ah(min)	Backup Time 24VDC 200Ah(min)
3KVA	300	359	880
	1500	54	131
	3000	22	54
5KVA	Load(VA)	Backup Time 48VDC 100Ah(min)	Backup Time 24VDC 200Ah(min)
	500	490	1030
	2500	72	172
	5000	32	72

Note: Product specifications are subject to change without further notice.