



HMII Series Hybrid Solar Inverter 3~5KW Available

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%

Charger

- Inbuilt 60A AC charger
- Inbuilt 80A/100A MPPT solar charger

Model	HM II -302	HM II -352	HM Plus-502	HM 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	
Maxc. Charge Current	80A	100A	80A	100A
PHYSICAL				
Dimension,D x W x H (mm)	118 x 316 x 476			
Net Weight (kgs)	9		10	
Communication Portal	USB/RS232			
ENVIRONMENT				
Humidity	5% to 95% Relative Humidity (Nonr-condensing)			
Operating Temperature	-10°C~50°C			
Storage Temperature	-10°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	
Model	Load(VA)	Backup Time 48VDC 100Ah(min)	Backup Time 24VDC 200Ah(min)	
5KVA	500	490	1030	
	2500	72	172	
	5000	32	72	

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