

Off Grid Inverter

HM5 Series



FEATURES

- Offers cost-effective corrected sine wave output, suitable for most household appliances and tools.
- Provides reliable power conversion with highly competitive efficiency compared to similar products.
- Supports a wide DC input voltage range, compatible with various battery packs.
- Built-in overload and short-circuit protection ensures basic system safety. Portable with lead-acid/lithium batteries.
- The product is cost-effective and lightweight.

MODEL	HM5-1000W	HM5-1500W
PHASE	Single phase	
Maximum PV Input Power	1000W	1500W
Rate Output Power	1200VA/1200W	1800VA/1800W
OFF-GRID		
PV INPUT (DC)		
Maximum DC Voltage	90VDC	
Start-up Voltage/Initial Feeding Voltage	10.8VDC/13.8VDC	
PWM Voltage Range	12VDC-90VDC	
GRID OUTPUT (AC)		
Nominal Output Voltage	230VAC	
Output Voltage Range	220VAC / 230VAC	
Nominal Output Current	4.5A	6.8A
AC INPUT		
AC Input Voltage Range	160VAC-250VAC	
BATTERY MODE OUTPUT (AC)		
Nominal Output Voltage	230VAC	
Efficiency	99%	
BATTERY & CHARGER		
DC Voltage Range/Nominal Voltage	10.8V-15V/12V	10.8V-15V/12V
Maximum Solar Charging Current	100A	100A
Maximum AC Charging Current	<100A	<100A
GENERAL		
PHYSICAL		
Dimension D×W×H(mm)	400-250-89	
Net Weight(kg)	4.5kg	5kg
ENVIRONMENT		
Humidity	9%~99%Relative Humidity(Non-condensing)	
Operating Temperature	-5° C ~ 55° C	
STANDARD		
Safety	CE-EC-62109	