

Hybrid Solar Inverter

MSH Series



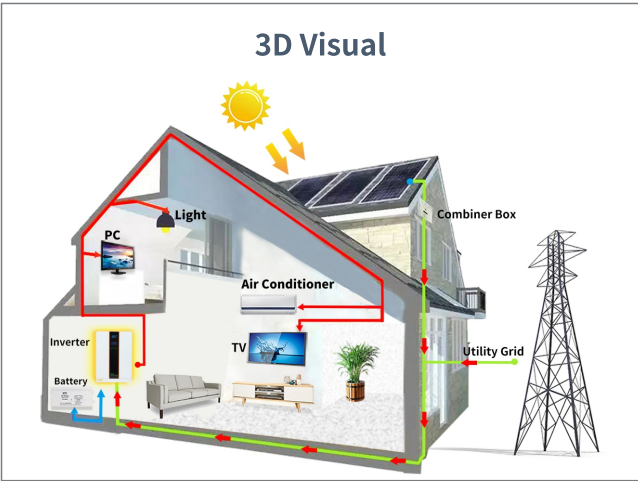
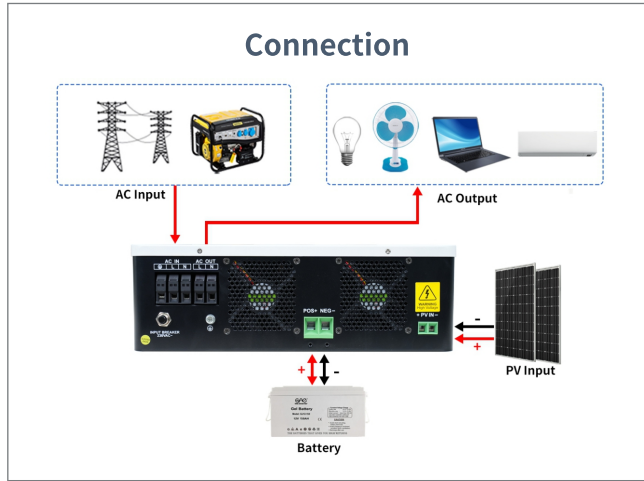
Smart control

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



Charger

Inbuilt 60A AC charger
Inbuilt 100A MPPT solar charger



Technical Specification

Model	MS -H-30224M80	MS -H-35224M100	MS -H-50248M80	MS -H-55248M100
Rated Power	3000VA/3000W	3500VA/3500W	5000VA/5000W	5500VA/5500W
INPUT				
Voltage	220VAC			
Voltage Range	170-280VAC (For Person Computer); 90-280 VAC(For Home Appliances)			
Frequency Range	50Hz/60Hz (Auto switch)			
OUTPUT				
AC Voltage	220VAC±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 Protedion 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	6000W	4000W	6000W
Max Solar Charge Current	80A	100A	80A	100A
Max. AC Charge Current	60A		60A	
Maxc. Charge Current	140A	160A	140A	160A
PHYSICAL				
product size (mm)	405x310x100		475x335x110	
packing size (mm)	470x375x170		560x370x190	
N.W.(kgs)	5.96		9.92	
G.W.(kgs)	6.8		10.8	
Communicaion Portal	USB/RS232			
ENVIRONMENT				
Humidity	5% to 95% Relative Humidty (Nonr-condensing)			
Operatng 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
.	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.				

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