

MODEL	MPS-3500H	MPS-5500H
Rated Power	3500VA/3500W	5500VA/5500W
INPUT		
Voltage	230VAC	
Selectable Voltage Range	170-280VAC (for personal computers) 90-280VAC (for home appliances)	
Frequency Range	50Hz/60Hz (Auto sensing)	
OUTPUT		
AC Voltage Regulation (Batt . Mode)	230VAC±5%	
Surge Power	7000VA	11000VA
Efficiency (Peak) PV to INV	97%	
Efficiency (Peak) BAT to INV	94%	
Transfer Time	10ms (for personal computers) 20ms (for home appliances)	
Wave form	Pure Sine Wave	
BATTERY&AC CHARGER		
Battery Voltage	24VDC	48VDC
Floating Charge Voltage	27VDC	54VDC
Overcharge Protection	33VDC	63VDC
Maximum charge current	80A	80A
SOLAR CHARGER		
MAX.PV Array Power	5000W	6000W
MPPT Range@ Operating Voltage	120-450VDC	
Maximum PV Array Open Circuit Voltage	500VDC	
Maximum Charging Current	110A	
Maximum Efficiency	98%	
PHYSICAL		
Dimension. D*W*H (mm)	472*297*129	
Net Weight (kgs)	13kg	14kg
Communication Interface	RS485/RS232 (Standard) WIFI (Optional)	
OPERATING ENVIRONMENT		
Humidity	5% to 95% Relative Humidity (Non-condensing)	
Operating Temperature	0°C to 55°C	
Storage Temperature	-15°C to 60°C	

MPS-H Series

Features:

Pure sine wave output

Output power factor 1.0

Programmable supply priority for PV, Battery or Grid

User-adjustable charge current and voltage

Wide PV input range (120Vdc -500Vdc), 110A MPPT SCC

Working without batteries in sunny day

WIFI Monitoring Function (optional)

Anti-dusk kit for harsh environment(optional)

LCD remote control with 10 meters wire(optional)

PV and electricity complementary

Use with lithium batteries