

Model	MPS-3500H	MPS-5500H
Rated power	3500VA/3500W	5500VA/5500W
Input Voltage	230VAC	230VAC
Input Selectable Voltage Range	170-280VAC(for personal computers) 90-280VAC(for home appliances)	170-280VAC(for personal computers) 90-280VAC(for home appliances)
Input Frequency Range	50Hz/60Hz(Auto)	50Hz/60Hz(Auto)
Output AC Voltage Regulation(Batt.Mode)	230VAC±5%	230VAC±5%
Output Surge Power	7000VA	11000VA
Output Efficiency (Peak) PV to INV	97%	97%
OutputEfficiency (Peak) BAT to INV	94%	94%
Output Transfer Time	10ms (for personal computers) 20ms (for home appliances)	10ms (for personal computers) 20ms (for home appliances)
Output Wave form	Pure Sine Wave	Pure Sine Wave
Battery Voltage	24VDC	48VDC
Floating Charge Voltage	27VDC	54VDC
Overcharge Protection	33VDC	63VDC
Maximum charge current	80A	80A
MAX.PV Array Power	5000W	6000W
MPPT Range@ Operating Voltage	120-500VDC	120-500VDC
Maximum PV Array Open Circuit Voltage	500VDC	500VDC
Maximum Charging Current	110A	110A
Maximum Efficiency	98%	98%
Dimension. D*W*H (mm)	472*297*129mm	472*297*129mm
Net Weight (kgs)	13kg	14kg

Communication Interface	RS485/RS232 (Standard) LCD remote/WIFI (Optional)	RS485/RS232 (Standard) LCD remote/WIFI (Optional)
Humidity	5% to 95% Relative Humidity (Non-condensing)	5% to 95% Relative Humidity (Non-condensing)
Operating Temperature	0°C to 55°C	0°C to 55°C
Storage Temperature	-15°C to 60°C	-15°C to 60°C