

MODEL	MPS-V-3200-24	MPS-V-5000-48
Rated Power	3200VA/3200W	5000VA/5000W
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	6400VA	10000VA
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	60A
SOLAR CHARGER		
MAX.PV Array Power	4000W(5000W Optional for 5KW model)	
MPPT Range@ Operating Voltage	120-450VDC	
Maximum PV Array Open Circuit Voltage	500VDC	
Maximum Charging Current	80A	
Maximum Efficiency	98%	
PHYSICAL		
Dimension.D*W*H(mm)	440*300*100	
Net Weight (kgs)	11kg	12kg
Communication Interface	WIFI/GPRS(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	