

Model	HGS-3500W PRO	HGS-5500W PRO
Rated power	3500VA/3500W	5500VA/5500W
INPUT		
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 sensing)	50Hz/60Hz(Auto sensing)
OUTPUT		
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 & ACCHARGER		
Battery Voltage	24VDC	48VDC
Floating Charge Voltage	27VDC	54VDC
Overcharge Protection	31VDC	61VDC
Maximum charge current	80A	80A
SOLAR CHARGER		
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%
PHYSICAL		
Dimension. D*W*H (mm)	472* 298*143	472* 298*143
Net Weight (kgs)		
Communication Interface	RS485/RS232(Standard) LCD remote/WiFi(Optional)	RS485/RS232(Standard) LCD remote/WiFi(Optional)
OPERATING ENVIRONMENT		
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)