

Product Data Sheet

MODEL	HGP 3500W		HGP 5500W	
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	120-500VDC			
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)	10kg		10.7kg	
Communication Interface	RS485/RS232(Standard) LCD remote/WIFI(Optional)			
OPERATING ENVIRONMENT				
Humidity	5% to 95% Relative Humidity(Non-condensing)			
Operating Temperature	0℃ to 55℃			
Storage Temperature	-15℃ to 60℃			