

5.5KW SERIES off Grid inverter		
Model	3.5K	5.5K
Rated power	3500w/3500va	5500w/5500va
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) battery to INV	94%	
Transfer Time	10MS(for personal computers;20ms(for home appliances)	
Battery & Charger		
Battery voltage	24VDC	48VDC
Floating Charge Voltage	27VDC	54VDC
Overcharge protection	33VDC	63VDC
Max Charge Current	80A	80A
Solar charger		
Max PV Array power	5000w	6000w
MPPT range @operating voltage	120-450vdc	
Max PV Array OPEN CIRCUIT voltage	500vdc	
Max Charging Current	100A	100A
Max Efficiency	98%	
Physical		
Dimension(MM)	400*300*100	
Carton Dimension(mm)	600*395*215	
Gross weight(kgs)	11	12
Communication port	USB/RS232/WIFI/GPRS	
OPERATING ENVIRONMENT		
Humidity	5% to 95% relative humidity(non-condensing)	
Operating temperature	-10 - 50℃	