

## OFF-Grid Inverter- TG-HVB 4-10KW Single Phase



▲ This picture is for reference only, subject to the real thing !



4-10kw available.



Pure sine Wave Inverter (off-grid)



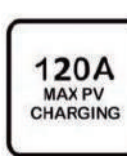
Full protection: With overload, over temperature, short circuit protection.



Wide applications: Can power a variety of appliances in your home or office environment, including tube lights, fans, refrigerators, and air conditioners.



UPS Mode: Seamless transition to backup mode to assure an uninterrupted power supply.



### TG-HVB 4-10KW Single Phase OFF Grid Inverter

MODEL	TGPFG-4KW	TGPFG-6KW	TGPFG-7KW	TGPFG-8KW	TGPFG-10KW
<b>PV INPUT(DC)</b>					
Recommend max.PV input power	6200W	6500W	7000W	8000W	10000W
Nominal DC Voltage/Maximum DC Voltage	360VDC/500VDC				
Start-up Voltage/Initial Feeding Voltage	60VDC/90VDC				
MPPT Voltage Range	60-450VDC				
Number of MPPT Trackers/ Maximum In put Current	1/23A		1/27A		
<b>TWO LOAD OUTPUT POWER</b>					
FullLoad	3600W	6000W	7000W	8000W	10000W
Maximum Main Load	3600W	6000W	7000W	8000W	10000W
Maximum Second Load(battery mode)	1200W	2000W	2400W	2733W	3400W
Main Load Cut Off Voltage	22VDC		44VDC		
Main Load Return Voltage	26VDC		52VDC		
<b>GRID OUTPUT(AC)</b>					
Nominal Output Voltage	220/230/240VAC				
Output Voltage Range	195.5-253VAC				
Nominal Output Current	15.7A	27.0A	31.3A	35.6A	44.3A
Power Factor	>0.99				
Feed-in Grid Frequency Range	49-51±1Hz				
Maximum Conversion Efficiency(SloartoAC)	98%				
<b>AC INPUT</b>					
AC Start-up Voltage/Auto Restart Voltage	120-140VAC/180VAC				
Acceptable Input Voltage Range	90-280VACor170-280VAC				
Maximum AC Input Current	40A	50A	40A	40A	50A
Nominal operating frequency	50/60Hz				
Surge power	7200W	10000W	14400W	16400W	20400W
<b>BATTERY MODE OUTPUT(AC)</b>					
Nominal Output Voltage	220/230/240VAC				
Output Waveform	Puresinewave				
Efficiency(DC to AC)	94%				
Nominal DC Voltage	24V		48V		
Maximum Charging Current (Solar to AC)	120A		140A		160A
Maximum AC Charging Current	100A		120A		140A
<b>AC INPUT</b>					
Dimension,D*W*H(mm)	420*310*110				
Cartoon Dimension,D*W*H(mm)	500*415*180		588*463*205		
Net Weight(kgs)	8.8	9.8	13.1	14.2	14.5
Gross Weight(kgs)	10	11	14.1	15.7	16
CommunicationPort	RS232/WIFI/GPRS/LITHIUMBATTERY				