



- Pure Sine Wave solar inverter with up-to 93% peak efficiency
- Setting Timer available for load priority and battery charging
- Selectable maximum discharge current based on battery bank
- Built in Wi-Fi monitoring via mobile app
- Communication port for BMS - RS485
- LED bar with RGB Lights to indicate status
- Compatible with Lead Acid, Lithium-Ion and LiFePO4 Batteries
- Can be used without batteries
- Connect up-to 6 inverters in parallel in single phase & three phase

7.2kW 48V OFF- Grid Solar Inverter Data Sheet

MODEL	INNO 8G
RATED POWER	7200 VA / 7200 W
INPUT	
Voltage	230 VAC
Selectable Voltage Range	170-280 VAC (For UPS Mode) at 100% Load; 90-280 VAC (For Appliance Mode) at 50% Load
Frequency Range	50 Hz/60 Hz (Auto sensing)
OUTPUT	
AC Voltage Regulation (Batt. Mode)	230 VAC \pm 5%
Surge Capacity	15000 VA for 5 secs
Efficiency (Peak)	93%
Transfer Time	15 ms (For UPS Mode); 20 ms (For Appliance Mode)
Waveform	Pure Sine Wave
BATTERY	
Battery Voltage	48 VDC
Floating Charge Voltage	54 VDC
Overcharge Protection	66VDC
Maximum Solar Charging Current	80A
Maximum AC Charging Current	80A
SOLAR CHARGER	
Maximum PV Array Power	8000W (2 x 4000W)
Solar Charger Type	MPPT
MPPT Range	90 ~ 450VDC
Maximum PV Array Open Circuit Voltage	500 VDC
Maximum Input Charge Current	18A*2 (Max 30A)
PHYSICAL	
Dimension, D x W x H (mm)	143 x 420 x 531 mm (D x W x H)
Net Weight (kgs)	18.4
OPERATING ENVIRONMENT	
Humidity	5% to 95% Relative Humidity(Non-condensing)
Operating Temperature	-10°C - 50°C
Storage Temperature	-15°C - 60°C