

Residential Series

INVERGY
UPGRADING POWER FOR BETTER FUTURE

OFF GRID INVERTER MAX SERIES – SINGLE PHASE

INV-OGH-8.0K-48V | INV-OGH-10.0K-48V | INV-OGH-11K-48V



- ⚙️ Built-in anti-dust kit
- ⚡ Increased PV Power
- 👆 7" Touchscreen HMI LCD
- 💡 Status indication with RGB lights
- 🔄 Maximum PV input current 27A
- 🔌 Supports USB On-the-Go function
- 📶 Built-in BMS communication port
- 🔋 Battery independent design
- ⚙️ Dual outputs and dual inputs for smart energy management
- 📶 Built-in WiFi with APP for mobile monitoring and OTA firmware upgrade
- 🔌 External CT sensor to guarantee 100% self-consumption
- ⚙️ Built-in meter calibration for optimized system operation

📌 Image may differ from the actual product.

📞 Toll Free NO. 1800 309 7880

🌐 www.invergypowersupply.com

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Model	INV - OGH-8.0K-48V		INV - OGH-10.0K-48V	INV - OGH-11K-48V
RATED POWER	8000VA/8000W		10000VA/10000W	11000VA/11000W
PARALLEL CAPABILITY	YES, 6 units			
Input				
Voltage	230 VAC			
Selectable Voltage Range	170-280 VAC (For Personal Computers) 90-280 VAC (For Home Appliances)			
Frequency Range	50 Hz/60 Hz (Auto sensing)			
Output				
AC Voltage Regulation (Batt. Mode)	230VAC ± 5%			
Surge Power	16000VA	20000VA	22000VA	
Efficiency (Peak)	93%			
Transfer Time	10 ms (For Personal Computers) 20 ms (For Home Appliances)			
Waveform	Pure sine wave			
DC Voltage	12 VDC ± 5%, 100W			
Battery				
Battery Voltage	48 VDC			
Floating Charge Voltage	54 VDC			
Overcharge Protection	66 VDC	66 VDC	63 VDC	
Solar Charger & AC Charger				
Solar Charger type	MPPT			
Maximum PV Array Power	11000W (5500W x 2)	10000W (5000W x 2)	13000W (6500W x 2)	
MPPT Range @ Operating Voltage	90 ~ 450 VDC			
Maximum PV Array Open Circuit Voltage	500 VDC			
Maximum PV Input Current	27A x 2 (MAX 40A)			
Maximum Solar Charge Current	150A			
Maximum AC Charge Current	120A	150A		
Maximum Charge Current	150A			
Physical				
Dimension, D x W x H (mm)	158.4 x 503.6 x 530.8			
Net Weight (kgs)	20 kg			
Communication Interface	USB/RS232/RS485/WiFi/Dry-contact			
Operating Environment				
Humidity	5% to 95% Relative Humidity (Non-condensing)			
Operating Temperature	-10°C to 50°C			
Storage Temperature	-15°C to 60°C			
STANDARD				
Compliance Safety	CE			