

Residential

HYBRID – OGH MAX SERIES

SINGLE PHASE

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