

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 \pm 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 \pm 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		