

# SOLARIC H.O.G. Hybrid Off Grid Inverter

Hybrid OFFGRID Inverter / Charge

- Pure sine wave inverter.
- Built-in MPPT solar charge controller.
- Built-in automatic AC Charger
- Built-in ATS to switch from Solar, Battery, and Grid.
- Selectable charging current.
- Configurable AC/Solar input priority via LCD setting.
- Compatible with Generators.
- Parallel up to 6 x 5kVa HOGs to build a 30kVa system.
- Overload and short circuit protection.
- Smart battery charger design for optimized battery performance.
- Ability for your appliances to use Solar first, then Battery, then Grid last.
- 1 Year Warranty against manufacturer's defects.

MODEL	HOG MPPT 2K-24	HOG MPPT 3K-24	HOG MPPT 5K
Rated power	2000VA / 1600W	3000VA / 2400A	5000VA / 4000W
<b>INPUT</b>			
Voltage	230 VAC		
Selectable Voltage Range	170-280 VAC (For Personal Computers) 90-280 VAC (For Home Appliances)		
Frequency Range	50 Hz/60 Hz (Preset to 60Hz, Auto Sensing)		
<b>OUTPUT</b>			
AC Voltage Regulation (Batt. Mode)	230VAC + 5%		
Surge Power	4000VA	6000VA	10000VA
Efficiency (Peak)	93%		
Transfer Time	10 ms (For Personal Computers) 20 ms (For Home Appliances)		
Waveform	Pure Sine Wave		
<b>BATTERY &amp; AC CHARGER</b>			
Battery Voltage	24 VDC	24 VDC	48 VDC
Floating Charge Voltage	27 VDC	27 VDC	54 VDC
Overcharge Protection	31 VDC	31 VDC	60 VDC
Maximum Charge Current	20 A or 30 A	20 A or 30 A	20 A or 30 A
<b>SOLAR CHARGER</b>			
Maximum PV Array Power	600 W	1500 W	3000 W
MPPT Range @ Operating Voltage	30VDC ~ 66VDC	30VDC ~ 115VDC	60VDC ~ 115VDC
Maximum PV Array Open Circuit Voltage	75 VDC	145 VDC	145 VDC
Maximum Charging Current	25A	60A	60A
Maximum Efficiency	98%		
Standby Power Consumption	2 W		
<b>PHYSICAL</b>			
Dimension D x W x H (mm)	128 x 272 x 355	140 x 295 x 540	
Maximum PV Array Power	7.6	8.0	13.5
<b>OPERATING ENVIRONMENT</b>			
Humidity	5% to 95% Relative Humidity (Non-Condensing)		
Operating Temperature	0°C - 55°C		
Storage Temperature	-15°C - 60°C		

Product specifications are subject to change without further notice.

## SOLARIC CORP

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## SOLARIC H.O.G.- Inverter Selection Guide



**SOLARIC**  
TURN ON THE SUN