KODAK Solar Off Grid Inverter

OG-3.6 - OG-7.2

Solar Off Grid Inverter

Features

- Status indication with RGB breathing lights
- Built-in Wi-Fi for mobile monitoring (Android/iOS App is available)
- Supports USB On-the-Go function
- Reserved communication port for BMS (RS485, CAN-BUS or RS232)
- Replaceable fan design for ease of maintenance
- Battery independent design
- Configurable AC/PV output usage timer and prioritization
- Selectable high power charging current
- Selectable input voltage range for home appliances and personal computers
- Compatible to Utility Mains or generator input
- Built-in anti-dust kit
- Optional DC output for DC fan, LED bulb, router and so on
- Parallel operation with 6 units for 7200VA model

Models:

KODAK Solar Off Grid Inverter OG-3.6
KODAK Solar Off Grid Inverter OG-7.2

KODAK Solar Off Grid Inverter

OG-3.6 - OG-7.2

MODEL	OG 3.6	OG 7.2
Rated Power	3600VA/3600W	7200VA/7200W
Parallel Capability	No	Yes, 6 units
INPUT		
Voltage	230 VAC	
Voltage Range	170-280 VAC (For 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	7500VA	15000VA
Efficiency (Peak)	90% ~ 93%	
Transfer Time	15 ms (For Personal Computers), 20 ms (For Home Appliances)	
Waveform	Pure sine wave	
No Load Power Consumption	<45W	<70W
DC Voltage (Optional)	12 VDC ± 5%, 100W	
EFFICIENCY		
Battery Voltage	24 VDC	48 VDC
Floating Charge Voltage	27 VDC	54 VDC
Overcharge Protection	33 VDC	66 VDC
SOLAR CHARGER & AC CHARGER		
Solar Charger Type	MPPT	MPPT
Maximum PV Array Power	4000 W	8000 W
MPP Range @ Operating Voltage	120 ~ 450 VDC	90 ~ 450 VDC
Maximum PV Array Open Circuit Voltage	500 VDC	500 VDC
MPPT Maximum Input Current	18 A	18 A x 2
Number of MPP Trackers	1	2
Maxmum Solar Charge Current	80 A	80 A
Maximum AC Charge Current	80 A	80 A
Maximum Charge Current	80 A	80 A
PHYSICAL		
Dimension, D x W x H (mm)	147.4 x 432.5 x 553.6	
Net Weight (kgs)	14.1	18.4
Communication Interface	USB/RS232/RS485/Wifi/Dry-contact	
IP Rating	IP21	
ENVIRONMENT		
Altitude	1000m and de-rate by 1% for every 100m above 1000m	
Humidity	5% to 95% Relative Humidity (Non-condensing)	
Operating Temperature	-10°C to 50°C (with over-temp protection in case inner component temperature reaches protection level.)	
Storage Temperature	-15°C to 60°C	
STANDARD		
Compliance Safety	CE	

All information contained in this document is subject to change without notice.

For further information visit www.bluemountainpv.com

Blue Mountain Energy Ltd. Crown House, 27 Old Gloucester Street, London WC1N 3AX
Made in China