

# KODAK Solar Off Grid Inverter

OG-10.0



## Solar Off Grid Inverter

### Features

- Customizable status LED ring with RGB lights
- Touchable button with large 5" colored LCD
- Built-in Wi-Fi for mobile monitoring (Android/iOS App is available)
- Supports USB On-the-Go function
- Reserved communication port for BMS (RS485 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
- Compatible to Utility Mains or generator input
- Built-in anti-dust kit
- Built-in DC output for DC fan, LED bulb, router and so on.
- Parallel operation with 6 units

### Models:

KODAK Solar Off Grid Inverter OG-10.0



Parallel  
Capability



Compatible  
to generator



WiFi  
Communication



USB  
On-the-Go



DC  
Output



BMS  
Communication



RGB LED ring



Color LCD



Touchable  
function key



# KODAK Solar Off Grid Inverter

## OG-10.0

<b>MODEL</b>		<b>OG-10.0</b>
Rated Power		10000VA/10000W
Parallel Capability		Yes, 6 units
<b>INPUT</b>		
Voltage		230 VAC
Selectable Voltage Range		170-280 VAC (For Computers), 90-280 VAC (For Home Appliances)
Frequency Range		50 Hz/60 Hz (Auto sensing)
<b>OUTPUT</b>		
AC Voltage Regulation (Batt. Mode)		230VAC $\pm$ 5%
Surge Power		20000VA
Efficiency (Peak)		93%
Transfer Time		15 ms (For Personal Computers), 20 ms (For Home Appliances)
Waveform		Pure sine wave
No Load Power Consumption		<70W
Max. Charger Rate		5 minutes
Optiona DC Voltage		12 VDC $\pm$ 5%, 100W
<b>BATTERY</b>		
Battery Voltage		48 VDC
Operation Range		40 VDC- 61 VDC
Floating Charge Voltage		54 VDC
Overcharge Protection		63 VDC
<b>SOLAR CHARGER &amp; AC CHARGER</b>		
Solar Charger Type		MPPT
Number of MPP Tracker		2
Maximum PV Array Power		10000W (5000W x 2)
MPP Range @ Operating Voltage		90 - 450 VDC
Maximum PV Array Open Circuit Voltage		450 VDC
Maxmum Solar Charge Current		150 A
Maximum AC Charge Current		150 A
Maximum Charge Current		150 A
<b>PHYSICAL</b>		
Dimension, D x W x H (mm)		530.8 x 502.5 x 158.4
Net Weight (kgs)		20
Communication Interface		USB/RS232/RS485/Wifi/Dry-contact
<b>ENVIRONMENT</b>		
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
Storage Temperature		-15°C to 60°C
Noise Level (dB)		<60
<b>STANDARD</b>		
Compliance Safety		CE

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

