

# KODAK Solar Off Grid Inverter

OG 3.24 - OG 5.48



## Solar Off Grid Inverter

### Features

- Removable LCD control module with multiple communications servers and ATM
- Built-in Bluetooth for mobile monitoring (Android App is available)
- Reserved communication port for BMS (RS485, CAN-BUS or RS232)
- Replaceable fan design for ease of maintenance
- Supply load from Grid or PV, even battery is not available
- 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
- Auto restart while AC is recovering
- Cold start function

### Models:

KODAK Solar Off Grid Inverter OG 3.24  
KODAK Solar Off Grid Inverter OG 5.48



Compatible  
to generator



Detachable  
LCD module



USB  
On-the-Go



BMS  
Communication



App  
Download  
Available



IP20



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## SPECIFICATIONS

MODEL	OG 3.24	OG 5.48
Rated Power	3000VA/3000W	5000VA/5000W

### 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	6000VA	10000VA
Efficiency (Peak)	90% - 93%	
Transfer Time	15 ms (For Personal Computers) 20 ms (For Home Appliances)	
Waveform	Pure sine wave	

### BATTERY

Battery Voltage	24 VDC	48 VDC
Floating Charge Voltage	27 VDC	54 VDC
Overcharge Protection	33 VDC	63 VDC

### SOLAR CHARGER & AC CHARGER

Solar Charger Type	MPPT	MPPT
Maximum PV Array Power	4000 W	5000 W
MPP Range @ Operating Voltage	120 VDC - 430 VDC	120 VDC - 430 VDC
Maximum PV Array Open Circuit Voltage	500 VDC	500 VDC
Maximum Solar Charge Current	80 A	80 A
Maximum AC Charge Current	60 A	60 A
Maximum Charge Current	80 A	80 A

### PHYSICAL

Dimension, D x W x H (mm)	115 x 300 x 400	
Net Weight (kgs)	9.0	10.0
Communication Interface	USB/RS232/RS485/Bluetooth/Dry-contact	

### ENVIRONMENT

Humidity	5% to 95% Relative Humidity (Non-condensing)
Operating Temperature	-10°C to 50°C
Storage Temperature	-15°C to 60°C

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

