

# KODAK Solar Off Grid Inverter

OG 1.24 - 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 1.24
- KODAK Solar Off Grid Inverter OG 3.24
- KODAK Solar Off Grid Inverter OG 5.48



OG 1.24

OG 3.24 / OG 5.48



# KODAK Solar Off Grid Inverter

OG 1.24 - OG 3.24 - OG 5.48

## SPECIFICATIONS

MODEL	OG 1.24	OG 3.24	OG 5.48
Rated Power	1500VA/1500W	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 3 5%		
Surge Power	3000VA	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	24 VDC	48 VDC
Floating Charge Voltage	27 VDC	27 VDC	54 VDC
Overcharge Protection	33 VDC	33 VDC	63 VDC

### SOLAR CHARGER & AC CHARGER

Solar Charger Type	MPPT	MPPT	MPPT
Maximum PV Array Power	2000 W	4000 W	5000 W
MPP Range @ Operating Voltage	120 VDC - 380 VDC	120 VDC - 450 VDC	120 VDC - 450 VDC
Maximum PV Array Open Circuit Voltage	400 VDC	500 VDC	500 VDC
MPPT Maximum Input Current	9 A	18 A	18 A
Maximum Solar Charge Current	60 A	80 A	80 A
Maximum AC Charge Current	40 A	60 A	60 A
Maximum Charge Current	60 A	80 A	80 A

### PHYSICAL

Dimension, D x W x H (mm)	100 x 280 x 390	115 x 300 x 400	115 x 300 x 400
Net Weight (kgs)	8.5	9.0	10.0
Communication Interface	USB/RS232/RS485/Bluetooth/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

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

