

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.

