

# KODAK Solar Off Grid Inverter

## OGX 5.48



## Solar Off Grid Inverter

### Features

- Pure sine wave solar inverter
- Selectable high power charging current
- Wide DC input range
- Selectable input voltage range for home appliances and personal computers
- Configurable AC/Solar input priority via LCD setting
- Compatible to mains voltage or generator power
- Auto restart while AC is recovering
- Overload and short circuit protection
- Smart battery charger design for optimized battery performance
- Cold start function
- Parallel operation with up to 8 units



Parallel  
Capability



Compatible  
to generator



MPPT  
Solar Charger



IP20

### Models:

KODAK Solar Off Grid Inverter OGX 5.48



# KODAK Solar Off Grid Inverter

## OGX 5.48

### SPECIFICATIONS

MODEL	OGX 5.48
Rated Power	5000VA/5000W
Parallel Capability	Up to 8 units

### 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)
Max IC	18 A
Max Isc	25 A

### OUTPUT

AC Voltage Regulation (Batt. Mode)	230VAC $\pm$ 5%
Overload Capability	110-150% at 10 seconds
Efficiency (Peak)	90% - 93%
Transfer Time	15 ms (For Personal Computers) 20 ms (For Home Appliances)
Waveform	Pure sine wave

### BATTERY

Battery Voltage	48 VDC
Floating Charge Voltage	54 VDC
Overcharge Protection	66 VDC

### SOLAR CHARGER & AC CHARGER

Solar Charger Type	MPPT
Maximum PV Array Power	4500 W
MPP Range @ Operating Voltage	120 VDC - 430 VDC
Maximum PV Array Open Circuit Voltage	450 VDC
MPPT Maximum Input Current	18.6 A
Maximum Solar Charge Current	80 A
Maximum AC Charge Current	80 A

### PHYSICAL

Dimension, D x W x H (mm)	120 x 295 x 468
Net Weight (kgs)	11.0
Communication Interface	USB/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
Noise Level (dB)	<55

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



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