

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 9 units



Parallel
Capability



Compatible
to generator



MPPT
Solar Charger



IP20

Models:

KODAK Solar Off Grid Inverter OGX 5.48



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SPECIFICATIONS

MODEL	OGX 5.48
Rated Power	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%
Overload capacity	5s@ \geq 150% load; 10s@110%-150% load; 100ms @ \geq 200% load
Efficiency (Peak)	90%
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
Maximum Solar Charge Current	80 A
Maximum AC Charge Current	80 A

PHYSICAL

Dimension, D x W x H (mm)	120 x 295 x468
Net Weight (kgs)	11.0
Communication Interface	USB/RS232/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.

