

KODAK Solar Off Grid Inverter

OGX5.48a



Solar Off Grid Inverter

Features

- Pure sine wave solar inverter
- Detachable LCD control module with multiple communications
- Wide DC input range
- Built-in Wi-Fi for mobile monitoring (Android/iOS App is available)
- Supports USB On-the-Go function
- Reserved communication port for BMS (RS485)
- Smart battery charger design for optimized battery performance
- Built-in anti-dust kit
- Parallel operation up to 8 units

Models:

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Parallel
Capability



WiFi
Communication



Compatible
to generator



Detachable
LCD module



USB
On-the-Go



BMS
Communication



App
Download
Available



IP20



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SPECIFICATIONS

MODEL	OGX 5.48a
Rated Power	5000VA/5000W
Parallel Capability	Up to 8 units
INPUT	
Voltage	230 VAC
Voltage Range	110-280 VAC
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 capacity	5s@ \geq 150% load; 10s@110%-150% load; 100ms@ \geq 200% load
Efficiency (Peak)	50 Hz \pm 0.1 Hz or 60Hz \pm 0.1 Hz
Transfer Time	93 %
Waveform	15 ms (For Personal Computers); 20 ms (For Home Appliances)
Max. Charger Rate	5 minutes
BATTERY	
Battery Voltage	48 VDC
Floating Charge Voltage	54 VDC
Overcharge Protection	63 VDC
SOLAR CHARGER & AC CHARGER	
Solar Charger Type	MPPT
Maximum PV Array Power	5000 W
MPP Range @ Operating Voltage	120 - 430 VDC
Maximum PV Array Open Circuit Voltage	450 VDC
Maximum Solar Charge Current	100 A
Maximum AC Charge Current	100 A
Maximum Charge Current	100 A
PHYSICAL	
Dimension, D x W x H (mm)	140 x 295 x 468
Net Weight (kgs)	12.0
Communication Interface	USB/RS485/Wifi
ENVIRONMENT	
Humidity	5% to 95% Relative Humidity (Non-condensing)
Operating Temperature	-10°C to 50°C
Storage Temperature	-15°C to 60°C
Noise Level (dB)	<55

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

