

KODAK Solar Off Grid Inverter

OG-Plus 3.24 - OG-Plus 5.48



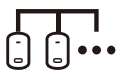
Solar Off Grid Inverter

Features

- Zero transfer time to protect mission-critical loads such as servers and ATM
- Detachable LCD control module with multiple communications
- Built-in Bluetooth for mobile monitoring (Android App is available)
- Supports USB On-the-Go function
- Reserved communication port for BMS (RS485, CAN-BUS or RS232)
- Configurable AC/PV output usage timer and prioritization
- Parallel operation up to 9 units

Models:

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



Parallel
Capability

0
ms

Zero
Transfer Time



Compatible
to generator



Detachable
LCD module



USB
On-the-Go



BMS
Communication



App
Download
Available



IP20



KODAK Solar Off Grid Inverter

OG-Plus 3.24 - OG-Plus 5.48

SPECIFICATIONS

MODEL	OG-Plus 3.24	OG-Plus 5.48
Rated Power	3000VA/3000W	5000VA/5000W

INPUT

Voltage	230 VAC
Voltage Range	110-280 VAC
Frequency Range	50 Hz/60 Hz (Auto sensing) \pm 4Hz
Power Factor	\geq 0.98 @ Nominal Voltage (100% Load)
THDi	\leq 10%

OUTPUT

AC Voltage Regulation (Line&Batt. Mode)	230VAC \pm 5%
Frequency Range (Synchronized Range)	46-54 Hz or 56-64 Hz
Frequency Range (Batt. Mode)	50 Hz \pm 0.1 Hz or 60Hz \pm 0.1 Hz
Harmonic Distortion	\leq 3 % THD (Linear Load); \leq 5 % THD (Non-linear Load)
Transfer Time AC Mode to Batt. Mode	0 ms
Inverter to Bypass	4 ms (Typical)
Waveform	Pure sine wave

EFFICIENCY

Line Mode	24 VDC	48 VDC
ECO Mode	27 VDC	54 VDC
Battery Mode	32 VDC	63 VDC

BATTERY

Battery Voltage	20-32 VDC	40-64 VDC
Floating Charge Voltage	27 VDC	54 VDC
Overcharge Protection	34 VDC	66 VDC

SOLAR CHARGER & AC CHARGER

Solar Charger Type	MPPT	MPPT
Maximum PV Array Power	1500 W	4000 W
MPP Range @ Operating Voltage	30 - 115 VDC	60-115VDC
Maximum PV Array Open Circuit Voltage	145 VDC	145 VDC
Maximum Solar Charge Current	60 A	80 A
Maximum AC Charge Current	60 A	60 A

PHYSICAL

Dimension, D x W x H (mm)	140 x 303 x 525	
Net Weight (kgs)	13.0	13.5
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.

