

KODAK Solar Off Grid Inverter

OGPlus3.24RM - OGPlus3.48RM - OGPlus5.48RM



Solar Off Grid Inverter

Features

- Zero (0ms) transfer time to protect mission-critical loads such as servers and ATMs
- Built-in Wi-Fi for mobile monitoring (Android/iOS App is available)
- Reserved communication port for BMS (RS485, CAN-BUS or RS232)
- Configurable AC/PV output usage timer and prioritization
- Pure sine wave solar inverter
- Selectable high power charging current
- Wide DC input range
- 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
- Optional parallel operation up to 9 units

Models:

- KODAK Solar Off Grid Inverter OG-Plus3.24RM
- KODAK Solar Off Grid Inverter OG-Plus3.48RM
- KODAK Solar Off Grid Inverter OG-Plus5.48RM



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SPECIFICATIONS

MODEL	OG-Plus3.24RM	OG-Plus3.48RM	OG-Plus5.48RM
Rated Power	3000VA/3000W	3000VA/3000W	5000VA/5000W
Parallel Capability		Up to 9 units	

INPUT

Voltage	230 VAC
Voltage Range	110-280 VAC
Frequency Range	50 Hz/60 Hz (Auto sensing) 3 4Hz

OUTPUT

AC Voltage Regulation	230VAC 3 5%		
Output THDv	≤ 3% for Linear load , ≤ 8 % for non-linear load		
Surger Power	6000VA for 5 sec	6000VA for 5 sec	10000VA for 5 sec
Efficiency (Peak)	93 % at Line Mode, 90% at Battery Mode		
Transfer Time	0 ms		
Waveform	Pure sine wave		
Max. Charger Rate	5 minutes		

BATTERY

Battery Voltage	24 VDC	48 VDC	48 VDC
Floating Charge Voltage	27 VDC	54 VDC	54 VDC
Overcharge Protection	33 VDC	66 VDC	66 VDC

SOLAR CHARGER & AC CHARGER

Solar Charger Type		MPPT	
Maximum PV Array Power	1500 W	4000 W	4000 W
MPP Range @ Operating Voltage	30 - 115VDC	60 - 115VDC	60 - 115VDC
Maximum PV Array Open Circuit Voltage	145 VDC	145 VDC	145 VDC
Maximum Solar Charge Current	60 A	80 A	80 A
Maximum AC Charge Current	60 A	60 A	80 A
Maximum Charge Current	120 A	140 A	140 A

PHYSICAL

Dimension, D x W x H (mm)		366.3 x 438 x 130.8	
Net Weight (kgs)	14.5	14.5	15.0
Communication Interface		USB/RS232/RS485/Dry-contact/Wi-Fi	

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.

