

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)
- 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 8 units

Models:

- KODAK Solar Off Grid Inverter OG-Plus 3.24RM
- KODAK Solar Off Grid Inverter OG-Plus 3.48RM
- KODAK Solar Off Grid Inverter OG-Plus 5.48RM



KODAK Solar Off Grid Inverter

OG-Plus 3.24RM - OG-Plus 3.48RM - OG-Plus 5.48RM

SPECIFICATIONS

MODEL	OG-Plus 3.24RM	OG-Plus 3.48RM	OG-Plus 5.48RM
Rated Power	3000VA/3000W	3000VA/3000W	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) \pm 4Hz	
Max IC	50 A	50 A	50 A
Max Isc	60 A	60 A	60 A

OUTPUT			
AC Voltage Regulation		230VAC \pm 5%	
Output THDv		\leq 3% for Linear load , \leq 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	160 A

PHYSICAL			
Dimension, D x W x H (mm)		466.3 x 438 x 130.8	
Net Weight (kgs)	14.5	14.5	15.0
Communication Interface		USB/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
Noise Level (dB)	<55

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

