

# KODAK Solar Off Grid Inverter

OG-3.6 - OG-7.2



## Solar Off Grid Inverter

### Features

- Status indication with RGB breathing lights
- Built-in Wi-Fi for mobile monitoring (Android/iOS App is available)
- Supports USB On-the-Go function
- Reserved communication port for BMS (RS485)
- Replaceable fan design for ease of maintenance
- Battery independent design
- Configurable AC/PV output usage timer and prioritization
- Selectable high power charging current
- Selectable input voltage range for home appliances and personal computers
- Compatible to Utility Mains or generator input
- Built-in anti-dust kit
- Optional DC output for DC fan, LED bulb, router and so on
- Parallel operation with 6 units for 7200VA model

### Models:

- KODAK Solar Off Grid Inverter OG-3.6
- KODAK Solar Off Grid Inverter OG-7.2



Parallel Capability



Compatible to generator



Detachable LCD module



USB On-the-Go



BMS Communication



App Download Available



IP20



# KODAK Solar Off Grid Inverter

OG-3.6 - OG-7.2

MODEL	OG 3.6	OG 7.2
Rated Power	3600VA/3600W	7200VA/7200W
Parallel Capability	No	Yes, 6 units
<b>INPUT</b>		
Voltage	230 VAC	
Voltage Range	170-280 VAC (For Computers), 90-280 VAC (For Home Appliances)	
Frequency Range	50 Hz/60 Hz (Auto sensing)	
Max IC	18 A	18 A x 2
Max Isc	22 A	22 A x 2
<b>OUTPUT</b>		
AC Voltage Regulation (Batt. Mode)	230VAC ± 5%	
Surge Power	7500VA for 5 seconds	15000VA for 5 seconds
Overload Capability	110-150% at 10 seconds	
Efficiency (Peak)	90% - 93%	
Transfer Time	15 ms (For Personal Computers), 20 ms (For Home Appliances)	
Waveform	Pure sine wave	
No Load Power Consumption	<45W	<70W
Max. Charger Rate	5 minutes	
DC Voltage (Optional)	12 VDC ± 5%, 100W	
<b>EFFICIENCY</b>		
Battery Voltage	24 VDC	48 VDC
Floating Charge Voltage	27 VDC	54 VDC
Overcharge Protection	33 VDC	66 VDC
<b>SOLAR CHARGER &amp; AC CHARGER</b>		
Solar Charger Type	MPPT	MPPT
Maximum PV Array Power	4000 W	8000 W
MPP Range @ Operating Voltage	120 - 450 VDC	90 - 450 VDC
Maximum PV Array Open Circuit Voltage	500 VDC	500 VDC
MPPT Maximum Input Current	18 A	18 A x 2
Number of MPP Trackers	1	2
Maximum Solar Charge Current	80 A	80 A
Maximum AC Charge Current	80 A	80 A
Maximum Charge Current	80 A	80 A
<b>PHYSICAL</b>		
Dimension, D x W x H (mm)	147.4 x 432.5 x 553.6	
Net Weight (kgs)	14.1	18.4
Communication Interface	USB/RS485/Wifi/Dry-contact	
IP Rating	IP21	
<b>ENVIRONMENT</b>		
Altitude	1000m and de-rate by 1% for every 100m above 1000m	
Humidity	5% to 95% Relative Humidity (Non-condensing)	
Operating Temperature	-10°C to 50°C (with over-temp protection in case inner component temperature reaches protection level.)	
Storage Temperature	-15°C to 60°C	
<b>STANDARD</b>		
Compliance Safety	CE	

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

