

Hybrid inverter WKS EVO II 5kVA 48V

WKS HYBRID EVO



- 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)
- Replaceable fan design for ease of maintenance
- Supply load from Grid or PV, even battery is not available
- 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
- Auto restart while AC is recovering
- Cold start functionh

WKS EVO Off-grid Inverter Selection Guide

MODEL	WKS EVO 5K II	
Rated Power	5000VA / 5000W	
INPUT		
Voltage	230 VAC	
Selectable Voltage Range	170-280 VAC (For Personal Computers)	- 90-280 VAC (For Home Appliances)
Frequency Range	50 Hz/60 Hz (Auto sensing)	
OUTPUT		
AC Voltage Regulation	230 VAC ± 5%	
Surge Power	10000VA	
Efficiency (Peak)	90% - 93%	
Transfer Time	10 ms (For personal Computers)	- 20 ms (For Home Appliances)
Waveform	Pure sine wave	
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	4000W	
MPPT Range @ Operating Voltage	120 - 450 VDC	
Maximum PV Array Open Circuit Voltage	500 VDC	
Maximum Solar Charge Current	80 A	
Maximum AC Charge Current	60 A	
Maximum Charge Current	80 A	
PHYSICAL		
Dimension, D x W x H (mm)	115 x 300 x 400	
Net Weight (kgs)	10	
Communication Interface	USB/RS232/RS485/Bluetooth/Dry-contact	
OPERATING ENVIRONMENT		
Humidity	5% à 95% Relative Humidity (Non-condensing)	
Operating Temperature	-10°C - 50°C	
Storage Temperature	-15°C - 60°C	