

Axpert MKS IV Off-Grid Inverter






- Pure sine wave MPPT solar inverter
- Customizable status LED ring with RGB lights
- Touchable button with 4.3" colored LCD
- Wide DC input range
- Supports USB On-the-Go function
- Data log events stored in the inverter
- Built-in Wi-Fi for mobile monitoring (App is available)
- Reserved communication port for BMS
- Battery independent function
- Parallel operation with up to 9 units
- Dual outputs selected as either programmable output or generator input

User-programmable RGB lighting for different operation mode



Three lighting effects

-  **Cycling**
Quickly scrolling with a color of your choice in a continuous circular motion
-  **Wheel**
Illuminates with twinkling lights in a color of your choice
-  **Chasing**
Radiates your selected color upward from the bottom of the ring

Axpert MKS IV Off-Grid Inverter Selection Guide

MODEL	Axpert MKS IV 3600-48	Axpert MKS IV 5600-48	Axpert MKS IV 6000-48
Rated Power	3600VA/3600W	5600VA/5600W	6000VA/6000W
INPUT			
Voltage	230 VAC		
Selectable Voltage Range	170-280 VAC (For Personal Computers) 90-280 VAC (For Home Appliances)		
Frequency Range	50Hz/60 Hz (Auto sensing)		
OUTPUT			
AC Voltage Regulation (Batt. Mode)	230 VAC ± 5%		
Overload capacity	5s@≥150% load; 10s@110%~150% load; 100ms @ ≥200% load		
Efficiency (Peak)	93 %		
Transfer Time	10 ms (For Personal Computers) ; 20 ms (For Home Appliances)		
Waveform	Pure sine wave		
Dual Outputs	Yes		
BATTERY			
Battery Voltage	48 VDC	48 VDC	48 VDC
Floating Charge Voltage	54 VDC	54 VDC	54 VDC
Overcharge Protection	66 VDC	66 VDC	66 VDC
SOLAR CHARGER & AC CHARGER			
Solar Charger Type	MPPT	MPPT	MPPT
Maximum PV Array Power	5000 W	6000 W	6000 W
MPPT Range @ Operating Voltage	120 ~ 430 VDC		
Maximum PV Array Open Circuit Voltage	500 VDC	450 VDC	500 VDC
Maximum Solar Charge Current	100 A	120 A	120 A
Maximum AC Charge Current	100 A	120 A	120 A
PHYSICAL			
Dimension, D x W x H (mm)	140 x 295 x 468		
Net Weight (kgs)	11.0	12.0	12.0
Communication Interface	USB/RS232/RS485/Wifi/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		

Product specifications are subject to change without further notice.

OFF-GRID INVERTER