

Axpert MKS 5 TWIN LV Off-Grid Inverter



- Maximum PV input current 27A
- Dual outputs for smart load management
- Touchable 4.3" LCD with user-friendly design
- Wide DC input range
- Built-in Wi-Fi for mobile monitoring (Android/iOS App available)
- Reserved communication port for BMS
- Battery independent function
- Built-in anti-dust kit
- Parallel operation with up to 6 units

2822201113-330

Axpert MKS 5 TWIN LV Off-Grid Inverter Specification

MODEL	Axpert MKS 5 TWIN LV 3.6K
RATED POWER	3600VA/3600W
INPUT	
Voltage	120 VAC
Selectable Voltage Range	95-140 VAC (For Personal Computers) 65-140 VAC (For Home Appliances)
Frequency Range	50 Hz/60 Hz (Auto sensing)
OUTPUT	
Output Power	3600VA/3600W
AC Voltage Regulation (Batt. Mode)	120VAC $\pm$ 5%
Overload Capability	5s@ $\geq$ 150% load; 10s@110%~150% load; 100ms @ $\geq$ 200% load
Efficiency (Peak)	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	66 VDC
SOLAR CHARGER & AC CHARGER	
Solar Charger Type	MPPT
Maximum PV Array Power	7200W
MPPT Range @ Operating Voltage	90 ~ 450 VDC
Maximum PV Array Open Circuit Voltage	500 VDC
Maximum PV Input Current	27A
Maximum Solar Charge Current	120 A
Maximum AC Charge Current	70A
Maximum Charge Current	120 A
PHYSICAL	
Dimension, D x W x H (mm)	140 x 295 x 468
Net Weight (kgs)	12.0
Communication Interface	RS232/RS485 BMS/WiFi
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.