

RENTTECH AXPERT MKS IV OFF-GRID INVERTER (5600 - 48)

- Pure Sine Wave Solar Inverter with MPPT Controller
- Customizable status LED ring with RGB lights
- Wide DC input range
- Supports USB on-the-go function
- Data log events stored in the inverter
- Built-in wi-fi for mobile monitoring (via App)
- Reserved communication port for BMS
- Battery independent function - operates without battery
- Parallel operation with up to 9 units

PF1
OUTPUT



PRODUCT SPECIFICATIONS

MODEL	AXPERT MKS IV 5600 - 48
Rated Power	5600 VA / 5600 W
INPUT	
Voltage	230 VAC
Selectable Voltage Range	170 - 280 VAC (for Personal Computers) 90 - 280 VAC (for Home Appliances)
Frequency Range	55 Hz / 60 Hz (Auto sensing)
OUTPUT	
AC Voltage Regulation (Batt. Mode)	230 VAC $\pm$ 5%
Overload Capacity	5s @ $\geq$ 150% load; 10s @ 110% ~ 150% load; 100ms @ $\geq$ 200% load
Efficiency (Peak)	93%
Transfer Time	10 ms (for Personal Computers) 20ms (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 Charge type	MPPT
Max. PV Array Open Circuit Voltage	450 VDC
Max. PV Array Power	6000 W
MPP Range @ Operating Voltage	120 ~ 430 VDC
Max. Solar Charge Current	120 A
Max. AC Charge Current	120 A
PHYSICAL	
Dimensions D x W x H (mm)	140 x 295 x 468
Net Weight (kgs)	12
Communication Interface	USB / RS232 / RS485 / Wifi / Dry-contact
OPERATING ENVIRONMENT	
Humidity	5% to 95% Relative Humidity (non-condensing)
Operating Temperature	min 10°C to 50°C
Storage Temperature	min 15°C to 60°C