2x2 IN OUT

Available on the **App Store**
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Wi Fi

RGB LIGHTS

☐ Dual outputs for smart load management
☐ Two independent AC power sources connected and switched automatically
☐ Built-in current transformer sensor to meet self-consumption application
☐ Support external BTS (Battery Temperature Sensor) detection
☐ Built-in power status lighting indicators
☐ Built-in 2.8" colored LCD with slide operation
☐ Built-in Wi-Fi for mobile monitoring and OTA firmware upgrade
☐ Reserved communication port for BMS (RS485, CAN-BUS or RS232)
☐ Support optional GFCI, Rapid shutdown, AFCI detections
☐ Supports USB On-the-Go function
☐ Parallel operation with 6 units

Axpert Ultra Off-Grid Inverter Selection Guide

MODEL	Axpert Ultra TWIN 8K	Axpert Ultra TWIN 11K
Rated Power	8000VA/8000W	11000VA/11000W
Parallel Capability	YES, 6 units	
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 (Batt. Mode)	230VAC ± 5%	
Surge Power	16000VA	22000VA
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	63 VDC	
SOLAR CHARGER & AC CHARGER		
Solar Charger Type	MPPT	
Maximum PV Array Power	10000W (5000W × 2)	12000W (6000W × 2)
MPPT Range @ Operating Voltage	90 ~ 450 VDC	
Maximum PV Array Open Circuit Voltage	500 VDC	
Maximum PV Input Current	27A × 2 (MAX 40A)	
Maxmum Solar Charge Current	150A	150A
Maximum AC Charge Current	120A	150A
Maximum Charge Current	150A	150A
PHYSICAL		
Dimension, D x W x H (mm)	145 × 438 × 553.6	
Net Weight (kgs)	18.4	
Communication Interface	USB, RS232, RS485, WiFi, Dry-contact, BTS, Support optional GFCI, Rapid shutdown, AFCI detection	
External Current Sensor Port	Yes, built-in current transformer sensor	
OPERATING ENVIRONMENT		
Humidity	5% to 95% Relative Humidity(Non-condensing)	
Operating Temperature	-10°C to 50°C	
Storage Temperature	-15°C to 60°C	
STANDARD		
Compliance Safety	CE	

Product specifications are subject to change without further notice.