

- Status indication with RGB breathing lights
- Built-in Wi-Fi for mobile monitoring (Android/iOS 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
- Battery independent design
- 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
- Built-in anti-dust kit
- Optional DC output for DC fan, LED bulb, router and so on.
- Parallel operation with 6 units for 7200VA model

Axpert MAX Specification

MODEL	Axpert MAX 3600-24-230	Axpert MAX 3600-24-120	Axpert MAX 7200-48-230	Axpert MAX-7200-48-120
Rated Inverter Power	3600VA/3600W		7200VA*/7200W	
PARALLEL CAPABILITY	NO		YES, 6 units	
INPUT				
Voltage	230 VAC	120 VAC	230 VAC	120 VAC
Selectable Voltage Range	170-280 VAC (For Computers)	90-140 VAC (For Computers)	170-280 VAC (For Computers)	90-140 VAC (For Computers)
	90-280 VAC (For Home Appliances)	80-140 VAC (For Home Appliances)	90-280 VAC (For Home Appliances)	80-140 VAC (For Home Appliances)
Frequency Range	50 Hz/60 Hz (Auto sensing)			
OUTPUT				
AC Voltage Regulation (Batt. Mode)	230VAC ± 5%	120VAC ± 5%	230VAC ± 5%	120VAC ± 5%
Surge Power	7500VA	7500VA	15000VA	15000VA
Efficiency (Peak)	90% ~ 93%			
Transfer Time	15 ms (For Personal Computers), 20 ms (For Home Appliances)			
Waveform	Pure sine wave			
No Load Power Consumption	<45W		<50W	
(Optional) DC Voltage	12 VDC ± 5%, 100W		12 VDC ± 5%, 100W	
BATTERY				
Battery Voltage	24 VDC		48 VDC	

Floating Charge Voltage	27 VDC		54 VDC	
Overcharge Protection	33 VDC		66 VDC	
SOLAR CHARGER & AC CHARGER				
Solar Charger type	MPPT			
Maximum PV Array Power	4000W		8000W	
MPPT Range @ Operating Voltage	90 ~ 430 VDC	90 ~ 230 VDC	90 ~ 430 VDC	90 ~ 230 VDC
Maximum PV Array Open Circuit Voltage	450 VDC	250 VDC	450 VDC	250 VDC
Maximum Solar Charge Current	80A			
Maximum AC Charge Current	80A			
Maximum Charge Current	80A			
PHYSICAL				
Dimension, D X W X H (mm)	143 x 420 x 531			
Net Weight (kgs)	14		16	
Communication Interface	USB/RS232/RS485/Wifi/Dry-contact			
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	UL	CE	UL

* 120 VAC model may not reach to 7200W when unit operated under inverter mode

* Product specifications are subject to change without further notice



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