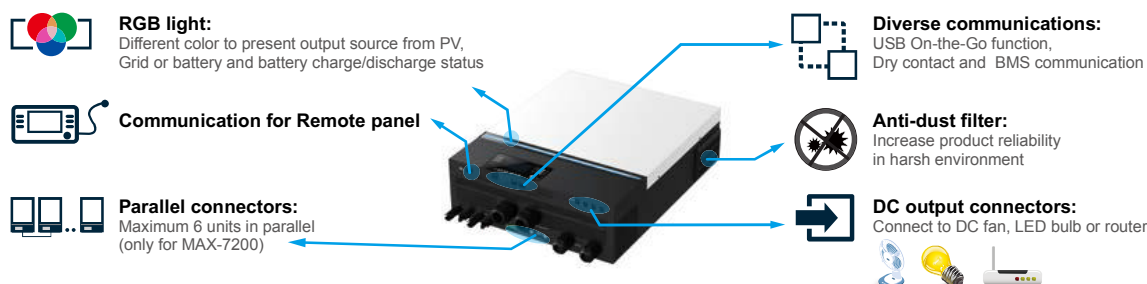


Axpert MAX Off-Grid Inverter



- Customizable status LED bar with RGB lights
- Built-in wifi for mobile monitoring (Android/iOS Apps are 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 up to 6 units only available for 7.2kVA /8kVA



Axpert MAX Off-Grid Inverter Selection Guide

MODEL	Axpert MAX 3600-24-230	Axpert MAX 3600-24-120	Axpert MAX 7200-48-230	Axpert MAX 7200-48-120	Axpert MAX 8000
Rated Power	3600VA/3600W		7200VA/7200W*		8000VA/8000W
PARALLEL CAPABILITY	NO		Yes, up to 6 units		Yes, up to 6 units
INPUT					
Voltage	230 VAC	120 VAC	230 VAC	120 VAC	230 VAC
Selectable Voltage Range	170-280 VAC (For Personal Computers) 90-280 VAC (For Home Appliances)	90-140 VAC (For Personal Computers) 80-140 VAC (For Home Appliances)	170-280 VAC (For Personal Computers) 90-280 VAC (For Home Appliances)	90-140 VAC (For Personal Computers) 80-140 VAC (For Home Appliances)	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%	120VAC ± 5%	230VAC ± 5%	120VAC ± 5%	230VAC ± 5%
Surge Power	7500VA	7500VA	15000VA	15000VA	16000VA
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		< 70W		< 70W
DC Voltage (Optional)	12 VDC ± 5%, 100W		12 VDC ± 5%, 100W		12 VDC ± 5%, 100W
BATTERY					
Battery Voltage	24 VDC		48 VDC		48 VDC
Floating Charge Voltage	27 VDC		54 VDC		54 VDC
Overcharge Protection	33 VDC		66 VDC		66 VDC
SOLAR CHARGER & AC CHARGER					
Solar Charger Type	MPPT				
Maximum PV Array Power	4000 W		8000W (4000W x 2)		8000W (4000W x 2)
MPPT Range @ Operating Voltage	120 ~ 450 VDC	90 ~ 230 VDC	90 ~ 450 VDC	90 ~ 230 VDC	90 ~ 450 VDC
Maximum PV Array Open Circuit Voltage	500 VDC	250 VDC	500 VDC	250 VDC	500 VDC
Maxmum Solar Charge Current	80 A				
Maximum AC Charge Current	80 A				
Maximum Charge Current	80 A				
PHYSICAL					
Dimension, D x W x H (mm)	147.4 x 432.5 x 553.6				
Net Weight (kgs)	14.1		18.4		18.4
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	CE

* 120 VAC model rated as 5000VA when unit operated under invert mode
Product specifications are subject to change without further notice.