•**Status indication with RGB 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

•Dual outputs selected as either programmable output or generator input

Axpert MAX Specification

MODEL	Axpert MAX-80000
CAPACITY	8000VA/8000W
PARALLEL CAPABILITY	YES, 6 units
INPUT	
Voltage	230 VAC
Selectable Voltage Range	170-280 VAC (For 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
Efficiency (Peak)	90% ~ 93%
Transfer Time	15 ms (For Personal Computers), 20 ms (For Home Appliances)
Waveform	Pure sine wave
No Load Power Consumption	<70W
Optional DC Voltage	12 VDC ± 5%, 100W
Dual Outputs	YES
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	8000W (4000W x 2)
MPPT Range @ Operating Voltage	90 ~ 450 VDC
Maximum PV Array Open Circuit Volt	500 VDC
Maxmum Solar Charge Current	120A
Maximum AC Charge Current	120A
Maximum Charge Current	120A
PHYSICAL	
Dimension, D X W X H (mm)	147.4 x 432.5 x 553.6
Net Weight (kgs)	18,4
Communication Interface	USB/RS232/RS485/Wifi/Dry-contact
OPERATING ENVIRONMENT	
Humidity	5% to 95% Relative Humidity(Non-condensing)
Operating Temperature	-10℃ to 50℃
Storage Temperature	-15℃ to 60℃
STANDARD	
Compliance Safety	CE

* Product specifications are subject to change without further notice

Voltronic Power Technology Corp.