

marvel[®]Tech

Axpert MAX TRI



USB



WiFi



Outputs

RGB
LIGHTS

2 IN



- Three outputs for smart load management
- Accept dual AC inputs, utility power and generator power
- Status indication with RGB lights
- Maximum PV input current 27A
- Built-in Wi-Fi with APP for mobile monitoring and OTA firmware
- Supports USB (Type-A or Type-C) On-the-Go function
- Reserved communication port for BMS
- Battery independent design
- Built-in External CT sensor to guarantee 100% self-usage application
- Built-in anti-dust kit
- Parallel operation with 6 units

Axpert MAX TRI Hybrid Inverter Specification

MODEL	Axpert MAX TRI 8.5K
CAPACITY	8500VA/8500W
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)	230 VAC \pm 5%
Surge Power	17000VA
Efficiency (Peak)	93%
Transfer Time	10 ms (For Personal Computers) 20 ms (For Home Appliances)
Waveform	Pure sine wave
Optional DC Voltage	12 VDC \pm 5%, 100W
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	12000W (6000W x 2)
MPPT Range @ Operating Voltage	90 ~ 450 VDC
Maximum PV Array Open Circuit Voltage	500 VDC
Maximum PV Input Current	27A x 2 (MAX 40A)
Maximum Solar Charge Current	120 A
Maximum AC Charge Current	120 A
Maximum Charge Current	120 A
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°C to 50°C
Storage Temperature	-15°C to 60°C
STANDARD	
Compliance Safety	CE

Product specifications are subject to change without further notice.