

marvel[®] Tech

Axpert WP TWIN 8K

Features

- IP65 waterproof and dustproof makes the inverter available for various working conditions.
- Dual outputs, for smart load management.
- 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.
- Parallel operation with 6 units.



MODEL	Axpert WP TWIN 8K
Rated Power	8000VA/8000W
Parallel Capability	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 \pm 5%
Surge Power	16000VA
Efficiency (Peak)	93%
Transfer Time	10 ms (For Personal Computers) 20 ms (For Home Appliances)
Waveform	Pure sine wave
No Load Power Consumption	< 85W
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 Voltage	500 VDC
Maximum PV Input Current	18A x 2
Maximum Solar Charge Current	150A
Maximum AC Charge Current	120A
Maximum Charge Current	150A
PHYSICAL	
Dimension, D X W X H (mm)	210 x 435 x 665
Net Weight (kgs)	32
Communication Interface	USB/RS-232/Dry Contact/RS485/WiFi/BMS
OPERATING ENVIRONMENT	
Humidity	5% to 95% Relative Humidity(Non-condensing)
Operating Temperature	-10°C to 50°C
Storage Temperature	-15°C to 60°C
OPERATING ENVIRONMENT	
Compliance Safety	CE

* Product specifications are subject to change without further notice