



WP TWIN series Off-Grid Inverter



- IP65 certified enclosure
- Dual outputs, for smart load management
- Wide PV input voltage range 90VDC ~ 450VDC
- Built-in Wi-Fi for mobile monitoring (Android/iOS App is available)
- Reserved communication port for BMS (RS485, CAN-BUS or RS232)
- Replaceable fan design for ease of maintenance
- Battery independent design
- Selectable high power charging current
- Compatible to Utility Mains or generator input
- Built-in anti-dust kit
- Parallel operation with 6 units

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MODEL		WP 8000 TWIN
Rated Power		8000VA/8000W
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)		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		150 A
Maximum AC Charge Current		120 A
Maximum Charge Current		150 A
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
STANDARD		
Compliance Safety		CE

* Product specifications are subject to change without further notice