



On-Grid Inverter  
with Energy Storage IP 65 Protection

# Xenon 11000



In Built Wifi



Dual Output



Intelligent Load  
Management



IP65



Batteryless  
Operation



Battery managemnt  
system

Models: Hybrid Infini WP 8KW-48V



## Easy-to-install

- 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)



## Reliable

- Replaceable fan design for ease of maintenance
- Battery independent design
- Configurable AC/PV output usage timer and prioritization
- Selectable high power charging current



## User-friendly

- Selectable input voltage range for home appliances and personal computers
- Compatible to Utility Mains or generator input
- Parallel operation with 6 units

|                                       |   |
|---------------------------------------|---|
| <b>MODEL</b>                          | <b>Axpert WP TWIN 8K</b>                                    |
| Rated Inverter Power                  | 8000VA/8000W  |
| PARALLEL CAPABILITY                   | YES, 6 units  |
| <b>INPUT</b>                          |   |
| 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)                                  |
| <b>OUTPUT</b>                         |   |
| 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   |
| <b>BATTERY</b>                        |   |
| Battery Voltage                       | 48 VDC  |
| Floating Charge Voltage               | 54 VDC  |
| Overcharge Protection                 | 66 VDC  |
| <b>SOLAR CHARGER &amp; AC CHARGER</b> |   |
| 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              | 18 A x 2  |
| Maximum Solar Charge Current          | 150A  |
| Maximum AC Charge Current             | 120A  |
| Maximum Charge Current                | 150A  |
| <b>PHYSICAL</b>                       |   |
| 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                       |
| <b>OPERATING ENVIRONMENT</b>          |   |
| Humidity                              | 5% to 95% Relative Humidity(Non-condensing)                 |
| Operating Temperature                 | -10°C to 50°C   |
| Storage Temperature                   | -15°C to 60°C   |
| <b>STANDARD</b>                       |   |
| Compliance Safety                     | CE  |

Product specifications are subject to change without further notice

