



On-Grid Inverter
with Energy Storage IP65 Protection

Xenon 11000



In Built Wifi



Dual Output



Intelligent Load
Management



IP65



Batteryless
Operation



Battery Managemnt
System

MODEL: HYBRID INFINI WP IP65 8KW-48VDC



Easy-to-install

- IP65 waterproof and dustproof makes the inverter available for various working conditions.
- Self-consumption and Feed-in to the Grid
- Dual MPPT & Dual outputs, for smart load management
- Battery independent design



Reliable

- Reserved communication port for BMS (RS485, CAN-BUS or RS232)
- Replaceable fan design for ease of maintenance
- 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

MODEL	HYBRID INFINI WP IP65 8KW-48VDC
Rated Inverter Power	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)	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 Capacity	11000W
Nominal 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
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
IP Degree	IP65

Product specifications are subject to change without further notice