



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	
Maxmum 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