Xenon 11000

HYBRID INFINI WP 8KW-48V

XENON
11000

KNOX
CARE
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In Built Wifi

IP65

Dual Output

Batteryless
Operation

Intelligent Load
Management

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

MODEL	Axpert WP TWIN 8K
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 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℃ to 50℃
Storage Temperature	-15℃ to 60℃
STANDARD	
Compliance Safety	CE