

HYBRID INVERTER WITH GRID FEEDING OPTION

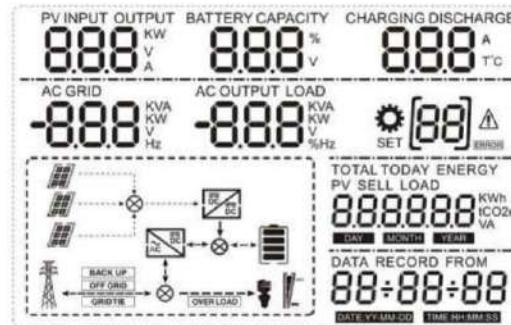


INFINEON ULTRA 5.5 KW



- Built-in 5500W MPPT
- High power charging current upto 160 Amp
- Work without battery
- Parallel operation upto 9 units
- New LCD with Smart Monitoring features
- Timer and Clock is introduced in the system
- Selectable input voltage range for home appliances and personal computers
- Configurable AC/Solar input priority via LCD setting
- Compatible to AC mains or generator power
- Battery equalization for optimized battery performance and life-cycle





SPECIFICATIONS

INFINEON ULTRA

5.5 KW

MODEL	5.5 KW
Related Power	5500VA / 5500W
Parallel Capability	9 units
INPUT	
Voltage	230 VAC
Selectable Voltage Range	170-280 VAC (For Personal Computers) 90-280 VAC (For Home Appliances)
Frequency Range	50Hz or 60 Hz (Auto Sensing)
OUTPUT	
AC Voltage Regulation (Batt. Mode)	230VAC \pm 5%
Surge Power	11000 VA
Efficiency (Peak)	90%
Transfer Time	10 ms (For Personal Computers) ; 20 ms (For Home Appliances)
Waveform	Pure Sin Wave
BATTERY	
Battery Voltage	48 VDC
Floating Charge Voltage	54 VDC
Overcharge Protection	66 VDC
SOLAR CHARGER & AC CHARGER	
Maximum PV Array Power	5500 W
MPPT Range @ Operating Voltage	120 VDC - 450 VDC
Maximum PV Array Open Circuit Voltage	500 VDC
Maximum Solar Charge Current	80A
Maximum AC Charge Current	80A
Maximum Charging Current	140A
PHYSICAL	
Dimension, D X W X H (mm)	120 X 295 X 468
Net Weight (kgs)	11 KG
ENVIRONMENT	
Humidity	5% to 95% Relative Humidity (Non-condensing)
Operating Temperature	0 C to 55 C
Storage Temperature	-15 C to 60 C