

GALAXY INVERTER VENUS SERIES

- Pure sine wave solar MPPT based inverter
- Dual outputs, for smart load management
- Output power factor 1
- Battery equalization function to optimize battery performance and extend lifecycle
- Battery independent design
- Built-in 120A MPPT solar charger
- Feed-in to the grid function (ON/OFF Grid)



VENUS SERIES

MODEL NAME	VENUS 5000	VENUS 6500
Rated Power	3600W	5600W
INPUT		
Voltage	230 VAC	
Selectable Voltage Range	170-280 VAC (For Personal Computers)	
	90-280 VAC (For Home Appliances)	
Frequency Range	50 Hz/60 Hz (Auto sensing)	
OUTPUT		
AC Voltage Regulation (Batt. Mode)	230VAC \pm 5%	
Surge Power	7200VA	11200VA
Efficiency (Peak)	93%	
Transfer Time	10 ms (For Personal Computers) 20 ms (For Home Appliances)	
Waveform	Pure sine wave	
Dual Outputs	Yes	
BATTERY		
Battery Voltage	24 VDC	48 VDC
Floating Charge Voltage	27 VDC	54 VDC
Overcharge Protection	33 VDC	63 VDC
SOLAR CHARGER & AC CHARGER		
Solar Charger Type	MPPT	
Maximum PV Array Open Circuit Voltage	500 VDC	
Maximum PV Array Power	5000W	6500W
MPPT Range @ Operating Voltage	-450 VDC	
Maximum Solar Charge Current	120A	
Maximum AC Charge Current	100A	
Maximum Charge Current	120A	
PHYSICAL		
Dimension, D X W X H (mm)	120 x 330 x 440	
Net Weight (kgs)	9.5	10.5
Communication Interface	USB/RS-232 (optional USB/Dry contact)	
OPERATING ENVIRONMENT		
Humidity	5% to 95% Relative Humidity(Non-condensing)	
Operating Temperature	-10°C to 50°C	
Storage Temperature	-15°C to 60°C	