

Specifications

Model: HIC-3000

Capacity	3000 W
Net Weight (HIC-3000 Whole System)	100.8kgs

Input

Nominal Voltage (Acceptable Voltage)	230 Vac
Range	170-264Vac
Frequency	50/60 Hz Auto select
Nominal Voltage (JP Version / USA Version)	100 Vac / 110 Vac
Range (JP Version / USA Version)	85-120 Vac

Output

Voltage	170-264 Vac \pm 3%
Voltage Regulation (Battery Mode)	230 Vac \pm 5%
Frequency Regulation (Battery Mode)	\pm 1.0 Hz
Power Factor	0.8
Waveform	Pure sine wave
Voltage (JP Version / USA Version)	100 Vac / 110 Vac / 120 Vac \pm 3%

Battery

Battery Voltage	24 Vdc
Gel-Tech Battery	12V 150Ah/2pcs
Charge Time	4~5 hrs
Max. Charging Current	40 Amp
High Voltage to Protection	30.0 V \pm 0.1 V @ 25°C
Low Voltage to Restart	25.2 V \pm 0.1 V
Low Voltage to Shut-down	21.6V \pm 0.1 V

Charger

Absorption Voltage	30 V
Float Voltage	27.6 V

Shelf

Dimensions (Without HIC-3000)	434x425x336.4 mm
Dimensions (With HIC-3000)	434x425x496.4 mm

BMB (for each battery)

Lowest Input Voltage	9.0 V \pm 0.1 V
Highest Input Voltage	16.0 V \pm 0.1 V
Nominal Standart Voltage	12.0 V \pm 0.1 V
Standard Charge Voltage	15.0 V \pm 0.1 V
High Voltage alert (Charge)	15.0 V \pm 0.1 V@25°C
Low Voltage alert (Discharge)	10.8 V \pm 0.1 V
High Voltage Recharge Setup	The voltage is lower than 13.9 V \pm 0.1 V@25°C in 2 min, BMB can charge again

The specifications are for reference only.

The right to change the specifications without prior notice is reserved.

Features:

- **Quick Charging:** Total charging time is 4~5 hours.
- **Battery Management Board (BMB):** It can detect over-charging or over-discharging of the batteries and can send a low voltage signal to the main frame.
- **A new design for Inverter Charger/BMB/Battery combination.**

Inverter & Cabinet Photo

