

ICH Inverter Charger Hi- Frequency

Compact office ICH design enable effective DC protection and operation.



Main Feature

Power Protection

ICH provides critical protection against surge, short circuit, and overload. Secure critical device and operation.

Build-in Inverter

ICH's high efficiency inverter outputs efficient AC power to support equipment operation.

High power charger

ICH supports charging current up to 6A. Ensures outstanding charging efficiency for various battery demand.

External Battery connection

ICH allows wide range external battery connectivity. Extend important back-up duration based on user demand.

DC Start function

ICH DC start function enable operation through pure battery power. Enable user operation during zero input situation.

Space friendly design

ICH design with vertical or horizontal placement. Enable flexible placement in office or personal workstation.

Specification

Model	ICH-550	ICH-1050
Configuration		
Capacity (VA)	550 VA	1050 VA
Capacity (Watts)	330 W	630 W
INPUT		
Nominal Voltage	120 or 230 VAC	
Voltage Range	90 - 144 VAC or 170 - 285 VAC	
Frequency Range	50 Hz / 60 Hz ± 10% Hz (Auto Sensing)	
Output (On Battery)		
Voltage	120 or 230 VAC	
Frequency Range	50 Hz / 60 Hz ± 0.5 Hz	
Waveform	Stimulated Sine Wave	
Efficiency		
AC to AC	> 95 %	
DC to DC	> 80 %	
Battery		
Voltage	12 VDC	24 VDC
Charge Current	6A	6A
Over Charge Protection	14.5 VDC	29 VDC
Battery Capacity (Recommand)	30-100AH	30-100 AH
Protection		
Full Protection	Overload, Short Circuit, Thermal	
Management		
Indicator	Line Mode (Green), Backup Mode (Yellow), Battery Fault / Overload (Red), Overheat (Red)	
Physical		
Dimension (WxDxH) (mm)	83 x 274 x 224	
Weight (kgs)	1.7	1.9
Shipping Dimension (mm)	123 x 305 x 292	
Shipping Weight (kgs)	1.8	2
Alarm		
Overload	Continuous Beeping	
Battery Mode	Beep every 4 seconds	
Low Battery	Beep every 0.5 second	
Environment		
Operating Humidity	0-90 % RH at 0-40°C (Non-condensing)	
Audible Noise	Less than 40 dB	

* Specifications are subject to change without further notice.

* Specifications are for reference, please refer to information based on real product.

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