

## ICH Inverter Charger Hi-Frequency

Compact office ICH design enable effective DC protection and operation.



ICH-550-1050

### 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
<b>Configuration</b>		
Capacity (VA)	550 VA	1050 VA
Capacity (Watts)	330 W	630 W
<b>INPUT</b>		
Nominal Voltage	120 or 230 VAC	
Voltage Range	90 - 144 VAC or 170 - 285 VAC	
Frequency Range	50 Hz / 60 Hz $\pm$ 10% Hz (Auto Sensing)	
<b>Output (On Battery)</b>		
Voltage	120 or 230 VAC	
Frequency Range	50 Hz / 60 Hz $\pm$ 0.5 Hz	
Waveform	Stimulated Sine Wave	
<b>Efficiency</b>		
AC to AC	> 95 %	
DC to DC	> 80 %	
<b>Battery</b>		
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
<b>Protection</b>		
Full Protection	Overload, Short Circuit, Thermal	
<b>Management</b>		
Indicator	Line Mode (Green), Backup Mode (Yellow), Battery Fault / Overload (Red), Overheat (Red)	
<b>Physical</b>		
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
<b>Alarm</b>		
Overload	Continuous Beeping	
Battery Mode	Beep every 4 seconds	
Low Battery	Beep every 0.5 second	
<b>Environment</b>		
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.