



ICT HC CHARGER SERIES



FEATURE HIGHLIGHTS

- Four Stage Charge Algorithm
- Microprocessor Controlled
- Low Voltage Startup
- Noise Free
- Terminal Block Connector
- Lightweight
- Selectable Battery Equalization
- Selectable Charge Profile
- Temperature Compensation
- Reverse Polarity Protection
- Short Circuit Protection
- Made in North America

PRODUCT INFORMATION

The ICT HC Charger Series is a microprocessor controlled four stage charger designed for charging lead acid batteries. It is designed to quickly and efficiently restore charge to a variety of lead acid battery types. The advanced charge algorithm maximizes the effectiveness of the charging while minimizing energy lost during the transfer. The four stage charging process ensures the battery is charged to its maximum potential quickly and properly, extending the life of the battery. The LCD display shows voltage, current, and status of the unit. The included temperature sensor probe allows the battery charger to monitor the temperature of the batteries and improve charging times by optimizing charging voltages.

SPECIFICATIONS

	ICT22024-10HC	ICT22012-10HC	ICT22012-20HC
Input Voltage	90-130 / 190-250 VAC	90-130 / 190-250 VAC	90-130 / 190-250 VAC
Output Voltage	24 VDC	12 VDC	12 VDC
Output Current	10.0 Amps	10.0 Amps	20.0 Amps
Line Regulation	0.20%	0.20%	0.50%
Load Regulation	0.85%	0.75%	1.1%
Efficiency (Typical)	81%	80%	79%
Operating Temperature	-20C to +40C	-20C to +40C	-20C to +40C
Safety	Designed to UL1012 / CSA107.1	Designed to UL1012 / CSA107.1	Designed to UL1012 / CSA107.1

Innovative Circuit Technology Ltd.

26921 Gloucester Way, Aldergrove, BC V4W 3Y3

Tel 604-856-6303 Fax 604-856-6365 technical@ict-power.com www.ict-power.com

Every reasonable effort has been made to ensure that ICT product manuals and promotional materials accurately describe ICT product specifications and capabilities at the time of publication. However, because of ongoing improvements and updating of ICT products, ICT cannot guarantee the accuracy of printed materials after the date of publication and disclaims liability for changes, errors or omissions.

800-136-010

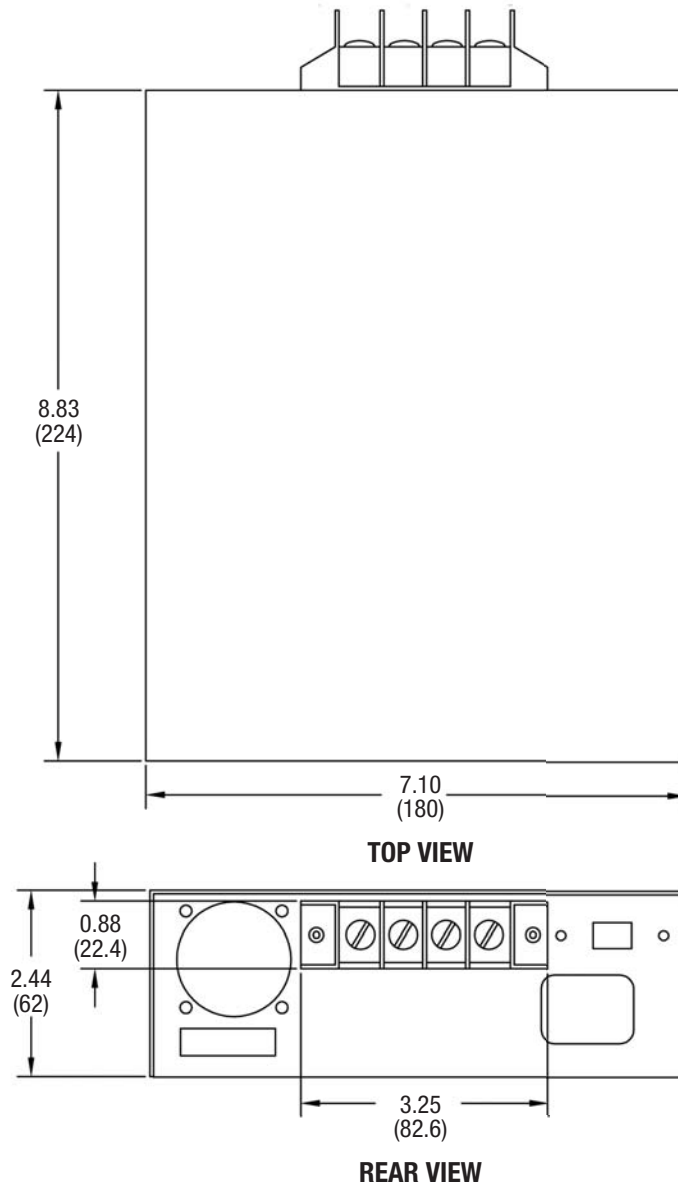
ICT LOGOS AND SLOGAN © COPYRIGHT INNOVATIVE CIRCUIT TECHNOLOGY LTD.



ICT HC CHARGER SERIES

OUTLINE DRAWING

DIMENSIONS IN
INCHES (MILLIMETRES)



Innovative Circuit Technology Ltd.

26921 Gloucester Way, Aldergrove, BC V4W 3Y3

Tel 604-856-6303 Fax 604-856-6365 technical@ict-power.com www.ict-power.com

Every reasonable effort has been made to ensure that ICT product manuals and promotional materials accurately describe ICT product specifications and capabilities at the time of publication. However, because of ongoing improvements and updating of ICT products, ICT cannot guarantee the accuracy of printed materials after the date of publication and disclaims liability for changes, errors or omissions.

800-136-010

ICT LOGOS AND SLOGAN © COPYRIGHT INNOVATIVE CIRCUIT TECHNOLOGY LTD.