

IMC Series™ Battery Chargers

The Most Sophisticated Intelligent Marine Chargers

IMC Chargers are all you need to keep your AGM, Gel, Lead Acid and NiCad batteries ready when you are. They are the first available four bank programmable chargers with selectable 12 or 24 VDC output and battery type selection per bank. Their rugged design, configurable settings and soft-touch button interface make these chargers the first choice for serious boaters.

FEATURES

Charging Systems

- Four bank battery chargers with programmable, continuous, independent DC output (12 or 24 volts), battery type (AGM, Gel, Lead Acid, NiCad) and charging profile per battery bank
- 6 models available in 20 amp increments from 20 to 120 amps
- Unit may be programmed for fixed bank output (bank 1 only)
- Limp Home Mode (40 amp units and above) allows power flow to continue operation at a lower output level if one power module fails
- Smart alarm package provides output failure and battery failure with audible alarm
- Optional remote battery temperature sensors

Display Technology and Configuration

- Simple intuitive menus for fast configuration (AC input voltage, DC output voltage, charge current, charge mode, battery type, battery fault indicator, over temp indicator with auto current reduction)
- Bright vacuum fluorescent display (VFD) for easy viewing
- "Soft-Touch" buttons put controls at your fingertips
- Smart Memory Button stores settings during power off
- Settable pass code lock out
- English and Metric units
- Optional remote displays (Full Function & Repeater)

Input Power Requirements and Agency Approval

- Universal AC input with automatic configuration accepts 50Hz or 60Hz input frequency and large input voltage range from 90 VAC to 265 VAC
- Power factor controlled (PFC) meets CE and the new US, Canada and UK power requirements
- Marine UL Listing, ABS, FCC and CE certifications



Example screens from programmable "soft-touch" display



Battery Type Display



Battery Output Display

MADE IN THE
USA



**SOLID
POWER**

ISO 9001:2000
REGISTERED
QUALITY SYSTEM

IMC CHARGER PRODUCT SPECIFICATIONS

Model #	Amps	Dimensions	Weight
IMC 20	20	10.5"H x 13.5"W x 8.5"D	13 lbs.
IMC 40	40	10.5"H x 13.5"W x 8.5"D	19 lbs.
IMC 60	60	10.5"H x 13.5"W x 11"D	25 lbs.
IMC 80	80	17"H x 13.5"W x 11"D	35 lbs.
IMC 100	100	17"H x 13.5"W x 11"D	40 lbs.
IMC 120	120	17"H x 13.5"W x 11"D	45 lbs.



CHARGER SCREENS

A
Output Voltage Overview
Screen of the 4 Banks



B
Battery Type Overview
Screen of the 4 Banks



C
Individual Bank
Summary



D
Bank Enable / Disable



E
Bank Voltage Select



F
Fixed Bank Output
Mode



G
Maximum Amperage
Set



H
Maximum Output
Voltage Set



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