

MULTI-VOLTAGE

INDUSTRIAL
BATTERY
CHARGERS



MAC

Multi-Voltage Charger is extremely versatile. Simply switching a connector allows you to select either 12 24 36 or 48 volts. Combined with the ability to select three A.C. input voltages, the Multi-Voltage charger will always be ready for a variety of D.C. and A.C. voltages. This voltage versatility makes the

Multi-Voltage ideal for loaner chargers, short time rentals, and lift truck service.

The Multi-Voltage is a timer controlled ferroresonant charger that automatically adjusts output current in proportion to battery voltage. Your batteries receive the correct amount of charge for optimum performance and maximum battery life.

FEATURES

DC Output - 12 24 36 or 48 Volts

AC Input - 120 280 240 Volts

Voltage Changeover - quick and easy for both AC and DC

Efficient ferroresonant transformer - low current draw and cool operation

Ammeter - charge status at a glance

Steel case

construction - protects internal components and ensures quiet operation

Electromechanical timer - simple to operate...positive charge termination

Silicon diodes - conservatively rated for reliability and surge protection

Finish rate - designed to maximize battery life and reduce water consumption

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CHARGER SETUP

1. Determine battery voltage (example) 36 Volt.
2. Plug single pole connector into appropriate receptacle (example) 36.
3. Determine input power requirements (example) 120 Volt 1 Phase 60 Hz
4. Align AC line Volt Arrow to appropriate input voltage (example) 120.

ORDERING INFORMATION

1. Specify model number MCM50A
2. Note charger is equipped with SB 175 amp DC connector. AC cord and plug. Voltage is set for 120 Volts.

MECHANICAL

Case	Height	Width	Depth
A	22 ³ / ₄	13 ³ / ₄	14

Dimensions in inches
Note width with handles is 17¹/₄



A Case

Input Power Cord
120 Volt 60 Hz

Output Power Cord
Cable with SB 175 amp
DC connector

ELECTRICAL

Input
120 Volt $\pm 10\%$
208 Volt $\pm 10\%$
240 Volt $\pm 10\%$
1 Phase 60 Hz

Output
Voltage Regulation $\pm 1\%$ at
finish rate charge output
Waveform-full wave rectification