

COMPACT ENCLOSED BATTERY CHARGERS

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EBC 105 12 VDC, 5A
at 13.7 VDC

EBC 205 24 VDC, 5A
at 27.4 VDC



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DESCRIPTION

The EBC™ Series Battery Chargers have been designed to be permanently connected to a battery, keeping it charged to maximum capacity.

The EBC™ Series Battery Chargers stylish design includes two LED indicators on the front, one to show when the charger is ON and the other is to show if the charger FAILS TO CHARGE the battery.

The charger will continue to operate during cranking and running. And can accept multiple AC voltage connections.

The EBC™ Series Battery Chargers are expertly designed using high-grade components and capacitors allowing the units to function more efficiently, providing a longer and more reliable life-span than other chargers in their class. Their inbuilt robustness makes them ideal for the rigors of a wide variety of markets including heavy and light industrial environments.

ADVANCED FEATURES

MULTI-STAGE CHARGING

- Constant current - maximum current available during charge recovery phase.
- Constant voltage.
- Chargers automatically return to float mode when charging is complete.

LOW OUTPUT RIPPLE

- Makes the chargers ideal for all battery types.

FULL PROTECTION

- Reverse polarity protection, short circuit protection and current limiting.
- Automatic recovery after the removal of fault conditions.

BOOST MODE

- Boosts and equalizes cell charge improving battery performance and life.
- Simple boost connection using on-board terminals.

POWER SAVE MODE

- Once the battery is fully charged the chargers switch to Eco-Power to save energy.

KEY BENEFITS

- Suitable for a wide range of battery types.
- No moving parts for longer battery charger life.
- Switched mode design.
- Minimum 80% efficiency throughout full operating range.

PARALLELING FEATURE

- Multiple chargers can be linked together to provide larger current output.

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Materials and specification characteristics may change without notice.

Dimensions and weights are for preliminary purposes only. Please consult ELECTRONIL™ Technical Support Team for detailed installation drawings.

All information in this document is substantially correct at time of printing and may be altered subsequently.

