

MULTIPLE CIRCUIT ACCU-CHARGER AND BATTERY-MATE 80

FERRORESONANT BATTERY CHARGERS

Keep installation costs low and save floor space while still efficiently charging up to six batteries with the uniquely designed Multiple Circuit (Multi Circuit) chargers. The charger houses a minimum of two to a maximum of six full-featured chargers, while requiring only 30 cubic feet of space and one electrical input line. The Multi Circuit Accu-Charger is rated to recharge a 100% discharged battery in its ampere-hour rating within 8 hours while the Multi Circuit Battery-Mate 80 charges an 80% discharged battery in 8 hours or less.

- A choice of 2 interchangeable controls for added flexibility
- Space efficient for areas with limited room
- Up to 6 independent charging circuits in one cabinet
- 10-year transformer and diode warranty



AMETEK®

PRESTOLITE POWER

CHARGING THE MOTIVE POWER
INDUSTRY FOR OVER 100 YEARS

Prominently displayed labels

- Voltage change-over
- Fuse sizes
- Charging rate adjustment

Ferroresonant power transformer(s) with 10-year warranty

Modular designed controls for increased flexibility

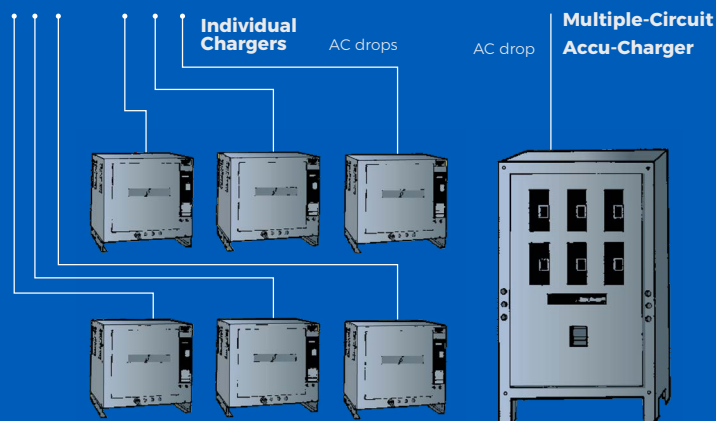
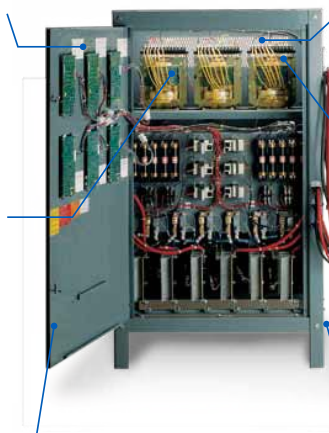
Wide, hinged door for easy access

Quick connect primary voltage change-over 120/208/240 or 208/240/480, 575

Quick connect output voltage tap adjustments

Color coded charging cables

Baked powdered polyester finish



More power per cubic foot

The Multi-Circuit packs more power into each cubic foot than individual chargers. One 6-circuit charger provides nearly 28 kW of peak output power while taking up only 30 cubic feet of warehouse space, 11 cubic feet less than that required for six comparable individual chargers.

Save on installation

Installing multiple chargers requires an electrician to install an AC drop for each one, but the Multi Circuit only requires one AC Drop. Having multiple chargers incorporated into one system can help cut installation and material costs.

Maximum Performance

- Available with a minimum of two circuits and up to a maximum of six. These circuits operate independent of each other while charging up to six batteries. When equipped with automatic start/stop controls, each battery is charged according to its own depth of discharge allowing batteries with varying depths of discharge to be charged simultaneously. Each circuit is protected by its own set of AC input fuses so that the loss of a fuse in one circuit does not disrupt service in the rest.
- Multi Circuit Accu-Charger is rated to recharge a 100% discharged battery in its ampere-hour rating within 8 hours. The Multi Circuit Battery-Mate 80 charges an 80% discharged battery in 8 hours or less. After the battery is connected and the control is initiated, it will automatically start the charging operation. It will continue to charge the battery until the battery is fully charged then it will automatically terminate the operation
- Designed to allow controls to be interchanged in minutes for greater control, flexibility and automation of any battery charging operation. Depending on your charging requirements, it can be controlled by either the AC1000 or AC2000 controller.
- In rare instances where changes to the DC output might be required, necessary adjustments are made simple with conveniently located quick-connect jumpers. AC input voltage

change-overs take just minutes because of conveniently located taps and quick-connect jumpers.

- Internally protected against overload, short circuit, incorrect battery connection and voltage transients. Shorting of the DC output will not damage the charger or cause fuses to blow. In the event of a component failure, the charging rate will automatically go to "minimum," protecting the battery from damage.

Benefits

- UL and cUL listed.
- Minimize repair costs with our 10-year warranty on transformers and silicone diodes and 1-year warranty on all other components.
- The copper-wound, ferroresonant transformer design is extremely efficient, converting AC input power to useable DC output power.
- The cabinet is constructed with heavy-gauge sheet metal and finished with a durable, long-lasting powdered polyester baked finish. All case styles can be wall, bench or floor mounted and all cases are stackable to save floor space. The cabinet is designed to provide direct access to the AC power connection points and conveniently facilitates any required service.

WORLD HEADQUARTERS

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