

# ULTRA CHARGE AND ULTRA MAXX CHARGERS

## SCR BATTERY CHARGERS

The Ultra series of chargers provide a constant current - constant voltage - constant current (I-E-I) charge curve to eliminate the possibility of overcharging and allows it to complete the charge at the proper current regardless of the battery's age or specific gravity. The Ultra Charge adapts to all battery types with 7 user-selected charge curve options and charges a 100% discharged battery in 8 hours or less. The Ultra Maxx is designed to fill the void between fast and conventional by offering opportunity charging during any reasonable down moment and charges batteries to 80% in 3 hours or less.

- The two-line display shows output volts, amps and amp hours returned during the charge cycle
- Archive function allows for easy review of last 99 cycles
- Designed to automatically compensate for battery operating temperatures
- Quality-built for little to no maintenance and years of dependable service
- UL and cUL listed and meets BCI standards



## Maximum Performance

- The Ultra series of chargers cater to a variety of operations so that you can select the charger that is best for your application
  - Ultra Charge: Uses a variety of inputs, such as battery temperature, type and size to automatically adjust the output charge characteristics. This enables it to work well for harsh environments, like textile and carpet mills, trucking, foundry and cold storage warehousing.
  - Ultra Maxx: Charges for a short period of time at each available opportunity so batteries are sufficiently charged for a more efficient truck operation throughout the entire workday. For the best performance, the battery should receive a full charge once every 24 hours.
- For the best charging performance, utilize Prestolite Battery Identification Devices (BID) with your Ultra charger. A BID can automatically adjust its output to match the electrolyte temperature of the battery. Once a BID is connected to the battery, the charger will read the BID program information, which includes the ampere-hour rating, voltage, construction and electrolyte temperature. The output is regulated by the charger based on this information. The charger can adjust its output to match the battery's temperature or suspend the charge if the battery's temperature reaches a critical level.
- The Ultra Charge features Timer Start Mode, which allows override of the automatic start/stop feature by allowing manual selection of the desired charge time at the desired charge rate. Choose up to 23 hours and 59 minutes of extended charge time, ideal for equalizing batteries with mismatched cells or for recovering sulfate batteries.

## Benefits

- UL and cUL listed and meets BCI requirements.
- Minimize repair costs with our 10-year original purchaser warranty on power transformers and silicon-controlled rectifiers, 3-year warranty on electronic PC boards and 1-year warranty on all other components.
- Keypad display allows one-touch access to charge cycle information, programming and equalize and features LEDs to indicate charge status.
- 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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