

APPLIED ENERGY
SOLUTIONS

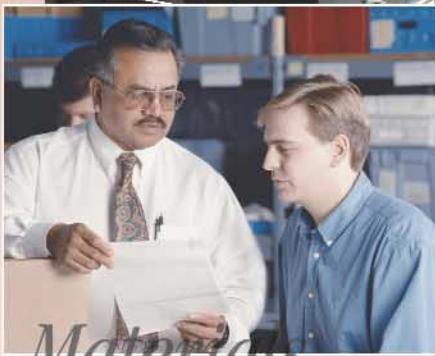
TROTTER™

Dual Voltage

The Power of Excellence

The strongest and most durable charger for dual voltage applications.

Bottling



Materials Handling



Textiles





Trotter Dual Voltage

When a standardized multiple battery configuration is in place the charger can adapt its output to charge both combinations.



Features & Benefits

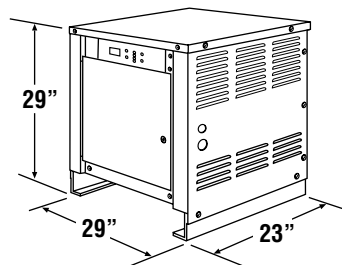
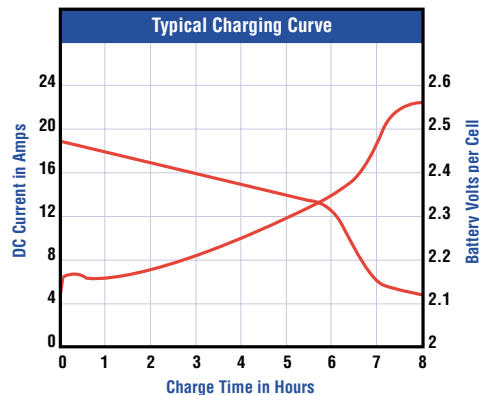
- Automatic selection of correct cell rating of connected battery
- Fully integrated microprocessor control for automatic dv/dt di/dt termination
- Interface jack for remote control and monitoring options
- Automatic refresh charge every twelve hours
- Charge time of eight hours or less on a 100% discharged battery
- Auto start with five second delay
- Selectable delayed start from one to nine hours
- Battery protection with override timers, wrong battery sensing and negative charge slope termination
- Automatic shutdown for the following conditions:
 - 80% charge does not occur in nine hours or
 - Final charge is not reached six hours after 80% (gassing point)
 - Volts per cell are too high or too low
 - Charging current is too low
 - Battery cable is disconnected while charging
- **CAUTION: DISCONNECTING THE BATTERY FROM THE CHARGER DURING THE CHARGE CYCLE WITHOUT MANUALLY STOPPING THE CHARGER CAN CAUSE DAMAGE TO BOTH OPERATORS AND EQUIPMENT AND VOID THE WARRANTY**
- Ferroresonant tapered charge for optimum battery and charger life
- Selectable 80% voltage of 2.37 or 2.45 volts per cell
- Four position Digital display for showing;
 - Charge current
 - Equalize in process
 - Fault diagnostics
- Four LED indicators showing charge status including
 - Charging
 - 80% Charged
 - Charge Complete
 - Fault Shutdown
- LED test button
- Charger data monitor button, provides AH returned, Total charge time, Average volts per cell
- Cool down timer initiates at the end of charge
- Red push button for manual shutdown
- Manual jump start for over-discharged batteries
- Manual and/or Automatic equalization
- Ten foot long output cables for added flexibility
- Numerous Output connectors available as standard

Optional Features

- Wall Mount brackets available
- Remote Control Box available
- Fungus protection available
- Water signal (driver circuit and valve available as options)

Warranty

- See Warranty Certificate for information



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