

APPLIED ENERGY SOLUTIONS
WORKHORSE[™]

Series

The Power of Excellence

*Your choice of horse power for the long haul.
This family of dependable, heavy duty industrial chargers,
features ferroresonant technology for single, dual and
multi-shift applications.*



*Materials
Handling*



Textiles





WorkHorse Series 2



The most dependable dual-shift charger on the market.
Fully recharges a normally depleted lead acid battery in eight hours or less.

Features & Benefits

- 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 normally 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
- 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

Product Safety

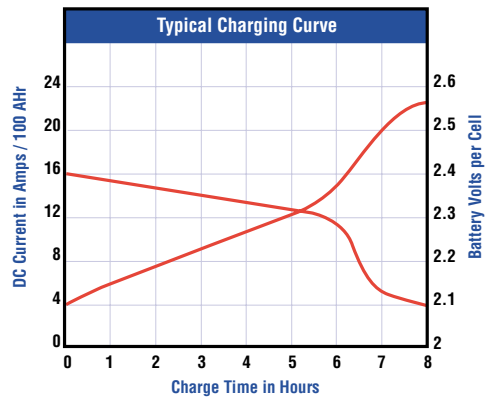
- UL Listed
- UL Listed to Canadian Safety Standards

Optional Features

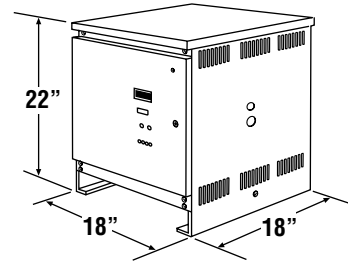
- Wall Mount brackets available
- Remote Control Box available
- Fungus protection available

Warranty

- See Warranty Certificate for information



Single Phase



Three Phase

