

APPLIED ENERGY SOLUTIONS  
**WORKHORSE**<sup>™</sup>

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 1



Rugged, single-shift capacity charger where consistency, reliability and efficiency are key factors without the pressure of recharge time.

## Features & Benefits

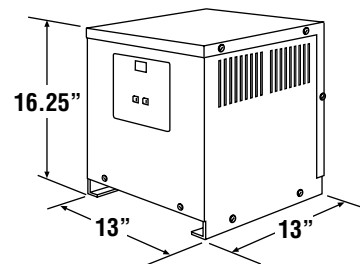
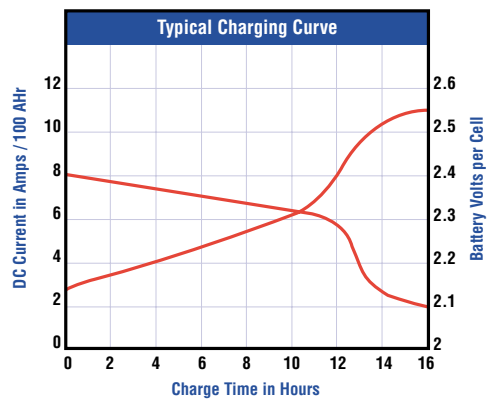
- Fully integrated microprocessor control for automatic volt/time termination
- Selectable refresh charge for 30 minutes every 24 hours
- Ten to sixteen hours charge time.
- Auto start with five second delay
- Selectable one hour time delay
- Memory retention during AC power loss
- Automatic shutdown for the following conditions
  - 80% charge does not occur in twelve hours
  - 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
- Digital display for showing;
  - Charge current
  - Fault codes
- Multi color LED's indicating charging status, equalization mode and fault shutdown
- Red push button for manual shutdown
- Manual jump start for over-discharged batteries
- Manual equalize button.
- Supplied with seven foot AC line cord and plug (line cord not provided on 12A750, 18A450 18A600, 18A750, 24A600 @120V AC)
- Ten foot long output cables for added flexibility
- Numerous Output connectors available as standard

## Optional Features

- Wall Mount brackets available

## Warranty

- See Warranty Certificate for information



## Product Safety

- UL Listed
- UL Listed to Canadian Safety Standards