



APPLIED ENERGY
SOLUTIONS

Quarterhorse *Opportunity Charger*

The ideal solution for users to convert to Opportunity Charging with the safest and most effective method, eliminating battery handling.

Full 10 Year Warranty



The Power of Excellence



Quarterhorse Opportunity Charger

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Features & Benefits

- Highest acceptable return rates without battery modifications
- No Battery Modifications required
- Easy access for programming all features
- User Selectable Features:
 - Charge rate of 18 or 25A/100Ah
 - Delayed start from 15 minutes to 4 hours, in 15 minute intervals
 - Equalize can be done manually, automatically with day/time setting, or every 5 cycles
 - Gassing point options: 2.37vpc (default), 2.40vpc, 2.42vpc, and 2.45vpc
 - Automatic refresh charge every 24 hours
 - Programmable charge block out time
 - Programmable charge termination when battery voltage reaches the gassing point, to prevent excessive gassing
- Low Electrical noise superior in applications with other electrical equipment and controls
- Remote Control Interface
- Auto start with five second delay
- Automatic shutdown for the following conditions:
 - 80% or final charge exceeds time limit
 - Volts per cell outside safe limits
 - Charging current too high or too low
 - Maximum battery temperature exceeded (requires optional battery temperature sensor)
- Controlled Ferroresonant technology for Total Charge Control over the complete charging cycle
- Digital readout displays:
 - Time remaining to 80% & Full charge
 - Charge current/voltage
 - Equalize in process
 - Fault codes
 - Charge data 25 cycles (time, AH returned, and voltage)
 - Charger setup
- LED charge status indicators
 - Gas gauge
 - Charging
 - 80% Charged
 - Charge Complete
 - Equalize
 - Fault Shutdown
- Cool down time displayed
- Manual jump start for over-discharged batteries

Product Safety

- UL Listed (Pending)
- UL Listed to Canadian Safety Standards (Pending)

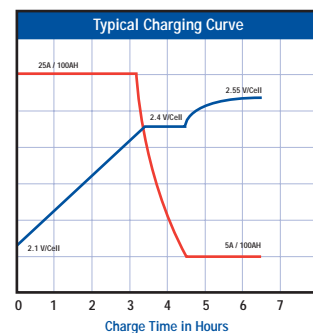
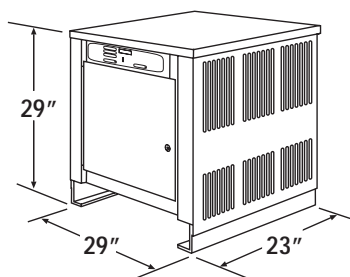
Optional Features

- Battery electrolyte temperature sensor
- Wall Mount brackets
- Remote Control Box
- Custom output cable length

Warranty

See Warranty Certificate.

CAUTION: DISCONNECTING THE BATTERY FROM THE CHARGER DURING THE CHARGE CYCLE WITHOUT MANUALLY STOPPING THE CHARGER CAN CAUSE DAMAGE TO BOTH OPERATOR AND EQUIPMENT AND VOID THE WARRANTY



APPLIED ENERGY
SOLUTIONS
One Technology Place
Caledonia, New York 14423
Tel: 585-538-4421
Fax: 585-538-6345

800-836-2132

www.appliedenergysol.com