

APPLIED ENERGY
SOLUTIONS

STEED™



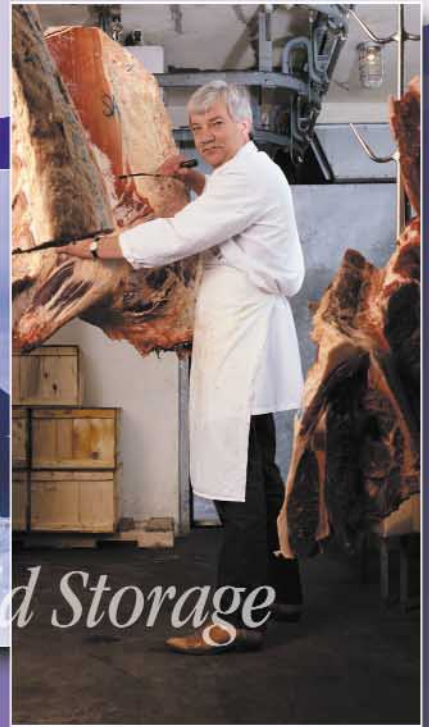
CFR

The Power of Excellence

Superior controlled output. Cold storage tough. Capable of recharging fully-depleted VRLA, AGM, and flooded batteries in eight hours or less.



Cold Storage



*VRLA
AGM*

*Materials
Handling*





Steed CFR

Here is the world's most advanced Ferroresonant battery charger. Designed for flooded and VRLA batteries. Rugged and cold storage tough. Provides total charge control. Returns 100% recharge in 8 hours.



Features & Benefits

- Fully integrated and selectable microprocessor control for automatic termination depending upon the required profile specific to your battery needs for Flooded and VRLA
- 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**
- Advanced Ferroresonant technology for Total Charge Control over the complete charging cycle, for both Flooded and VRLA batteries
- Four selectable Charge profiles
- 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
- Charge 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

Product Safety

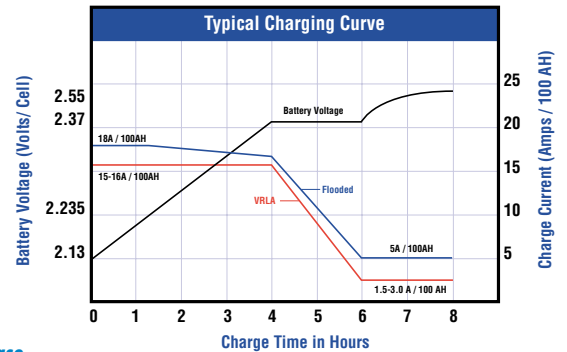
- UL Listed
- CSA Certified

Optional Features

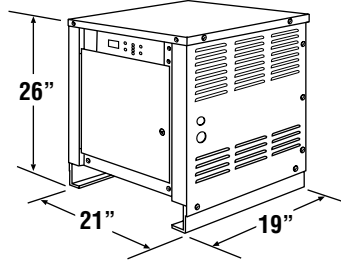
- Wall Mount brackets available
- Remote Control Box available
- Fungus protection available
- 50HZ models available

Warranty

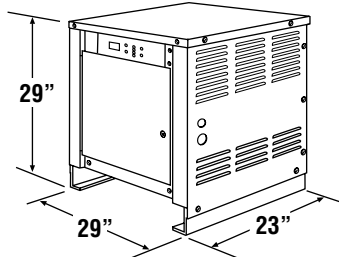
- See Warranty Certificate for information



Single Phase



Three Phase



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