



EP CHARGER

THE MOST ECONOMICAL CHARGING SOLUTION AVAILABLE TODAY...

The EP Charger is a full featured, light to medium duty industrial battery charger. Charges fully discharged batteries in approximately 10 hours.

The ECO-250 microprocessor control displays battery voltage, real time delivered current, delivered charge in amp hours, overall charge time, and charging phase.



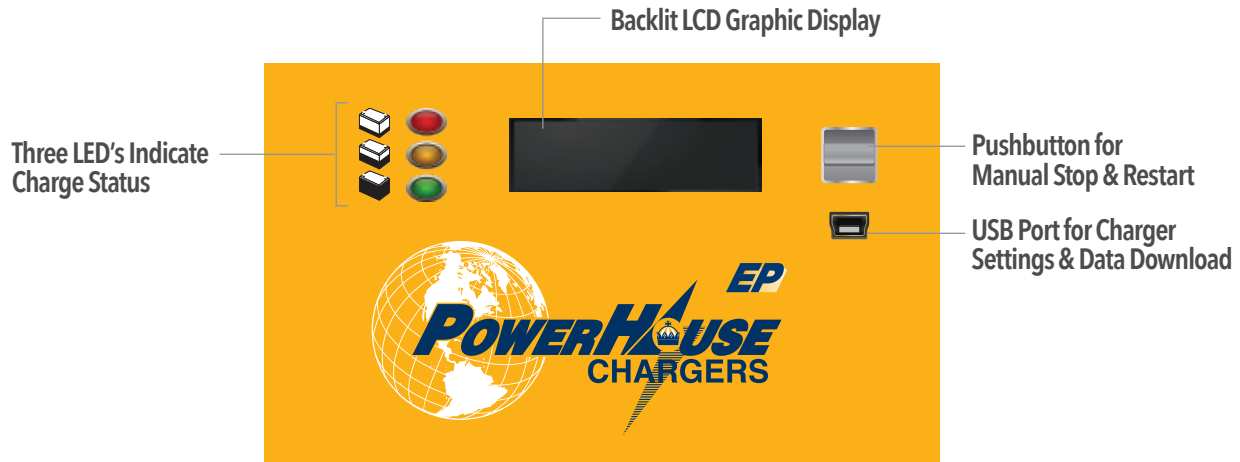
Features & Benefits:

- ▶ **Multiple AC Input Voltages** – Standard AC voltage configuration is 208/240/480, with 600 also available. Easy voltage changeovers.
- ▶ **Data Archive** – The control will store 9 critical data points for the last 800 charge cycles.
- ▶ **Durable Case** – The case is strong enough to support stacking up to three high. Coated with a baked powder epoxy finish to protect against corrosion.
- ▶ **Led Status Lights** – Three 8mm LED's clearly displays charge status that is easily discernible even from long distances.
 - Red – Charging in progress
 - Yellow – 80% charged
 - Flashing Green – Equalize
 - Solid Green – Charge complete
- ▶ **USB Communications Port** – A USB port is located on the front of the charger to facilitate data collection and setting charge parameters.
- ▶ **Warranty** – The EP Chargers are warranted for 5 years from the date of purchase.
- ▶ **UL and cUL Listed** – Designed and tested to meet the strict standards of UL1564.
- ▶ **Applications** – The EP Chargers can be used in a variety of light to medium duty applications where you have at least 8 hours or more to charge the battery.

 **Conventional**

POWERHOUSE EP CHARGER

ECO-250 CONTROL



SAFE, CONVENIENT PROGRAMMING

All programming with the ECO-250 is done through the USB port located on the front of the door. No need to open the door and expose employees to hazardous voltages.

COLD BATTERY CHARGING

For batteries with an electrolyte temperature between 32°F and 50°F this option should be turned on. This will extend charge time and increases % of AH returned.

SAFETY TIMERS

Two timers help to protect the battery and the charger. If the battery does not reach 80% charged in 11 hours or charge complete after 16 hours, the charger turns off.

SECONDARY CABLES

Output cables are 10 ft. long and color coded, red and black, to reduce the chances of reverse polarity.

EASY STACKING

Every charger has 4 threaded holes in the top to facilitate stacking up to three chargers high.

DATA STORAGE

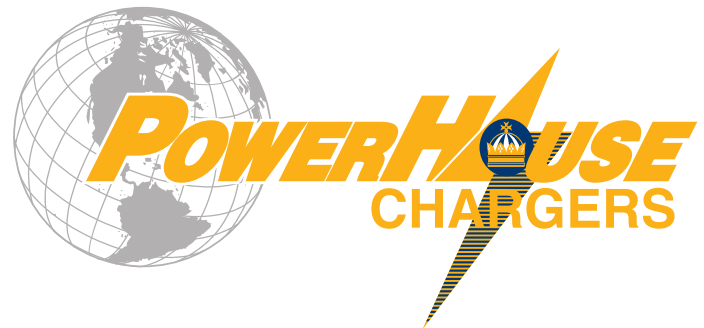
Data from the last 800 charge cycles are stored in the control, including:

- ▶ Time and date of cycle
- ▶ End charge voltage
- ▶ Final charge time
- ▶ Overall charge time
- ▶ AH returned during initial charge, final charge and the total AH returned.
- ▶ Equalize cycles

DATA ANALYSIS

With the ECO-250 Software, the system provides you with an analysis of the data recorded. Statistics provided are:

- ▶ Total cycles started
- ▶ Number of cycles interrupted
- ▶ Number of timer faults
- ▶ Number of sulphated battery charges
- ▶ Number of times battery was underdischarged
- ▶ Number of power failures
- ▶ Number of Equalize cycles



1445 Majestic Drive | P.O. Box 990
Fremont, OH 43420 USA
+1.419.334.7181 | sales@crownbattery.com
www.crownbattery.com