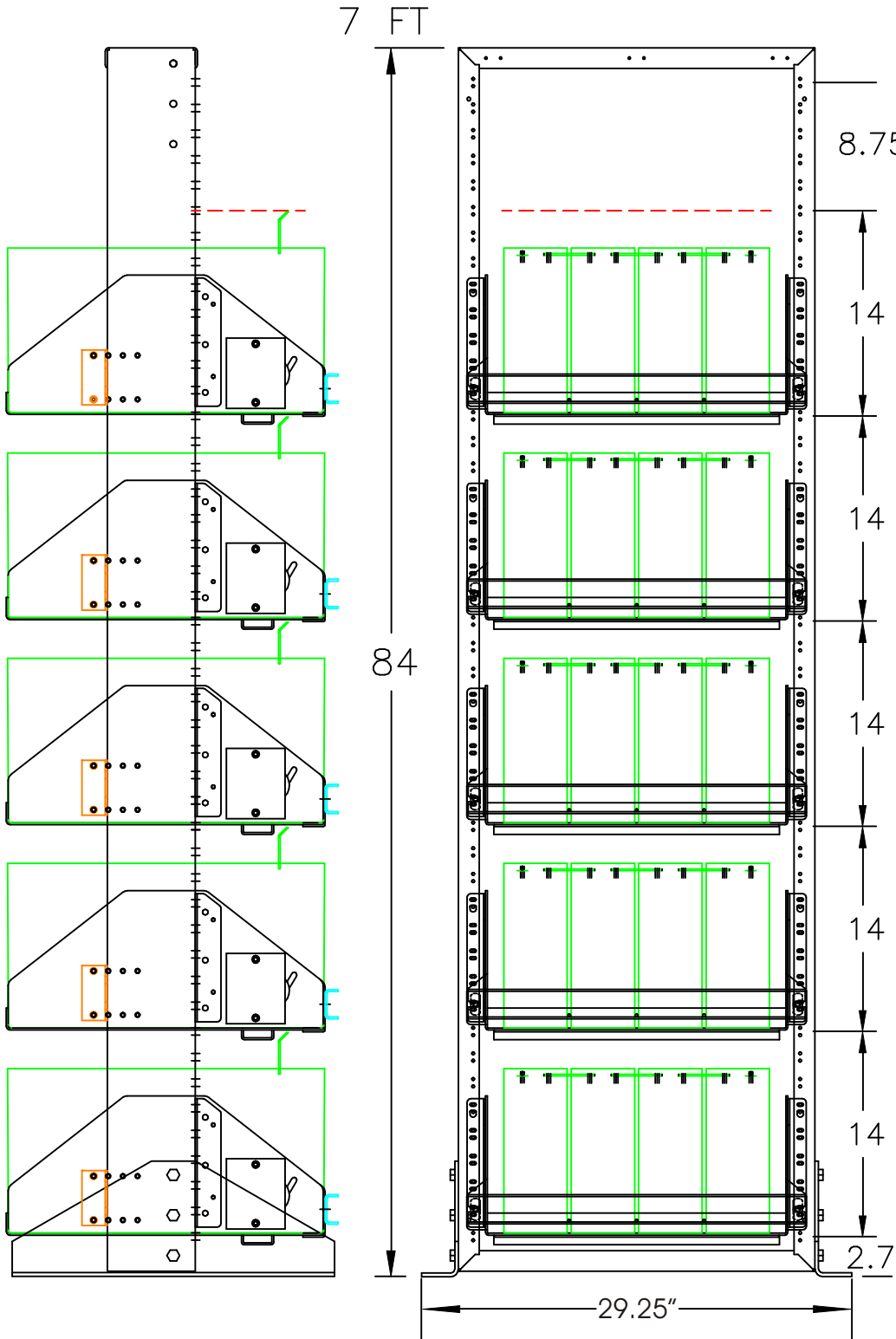


48VDC BATTERY RACK SYSTEM HOLDS UP TO 5X 150Ah STRINGS



TRAYS / Ah	PART NO.
5 / 750Ah	HZ72323RR750-48V
4 / 600Ah	HZ72323RR600-48V
3 / 450Ah	HZ72323RR450-48V
2 / 300Ah	HZ72323RR300-48V
1 / 150Ah	HZ72323RR150-48V

- Each shelf equipped with:
- 4 x 150AH (One string);
 - A 100A Breaker (125 Trip Amps); and
 - 4 AWG Cable to the terminal bar.

Our installation Method of Procedure is as follows:

- (-48V Battery installation procedure on 23" wide Relay Rack mounted Battery Tray)
- (All instructions are based on facing the front of the battery tray Battery 1 far left, Battery 4 far right)
- Mark center of Tray
- Position two of the TEL150F batteries just to left and right of center line mark. (Battery 2 left of center & Battery 3 right of center)
- Install inner cell connector from Battery 2 (+) to Battery 3 (-) connecting these two cells in series. (Note move to farthest point of slotted hole on inner cell connector for maximum cell spacing)
- Inhibit and Torque* the two bolts.
- Position a Battery 1 to left side of Battery 2 and install inner cell connector from Battery 1 (+) to Battery 2 (-).
- Inhibit and Torque* the two bolts
- Position Battery 4 to the right side of Battery 3 and install inner cell connector from Battery 3 (+) to Battery 4 (-)
- Inhibit and Torque* the bolt. (Make sure breaker is in the OPEN or OFF position)
- Connect the Negative lead from the bottom of the side car circuit breaker to the negative post on Battery 1.
- Inhibit and Torque* the bolt
- Connect the Positive lead from Battery 4 to the return cable on right side of rack running up to main return bus.
- Inhibit and Torque* the bolt.
- Torque value = 44-62 psi



DRAWN BY: **RUDY D.**
 DATE: **08/09/2006**
 CHECKED: **RICHARD D.**

TITLE:
48VDC BATTERY RACK SYSTEM

DATE: 08/09/2006 SHEET 1 OF 1 SCALE - DWG NO. **HZ72323RRxxx-48V** REV. A