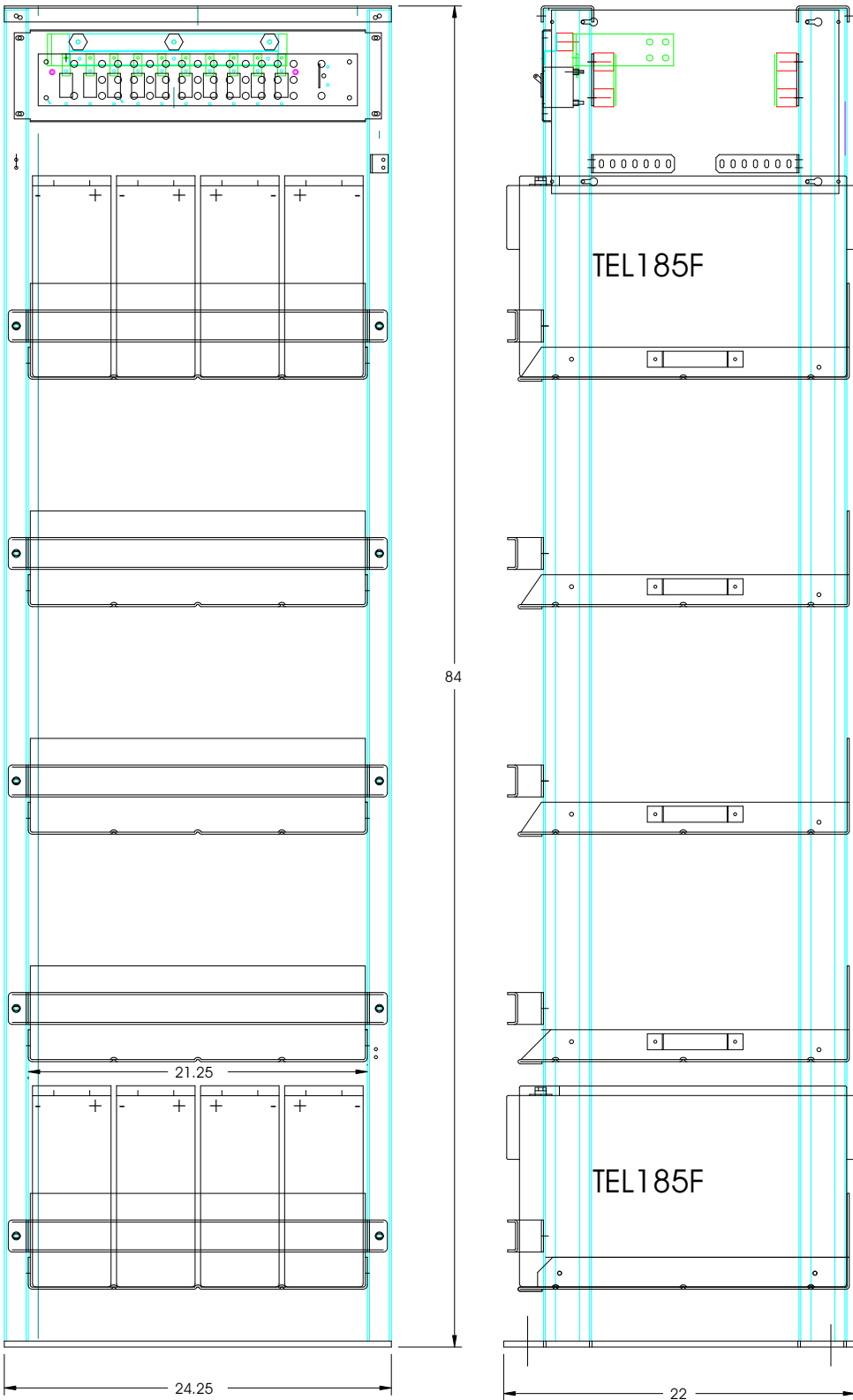


48VDC BATTERY RACK SYSTEM HOLDS UP TO 5X 183AH STRINGS



Each shelf equipped with:

- 4 x 183AH (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 TEL185F 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: **06/20/2006**

CHECKED: **RICHARD D.**

TITLE:

48VDC BATTERY RACK SYSTEM

DATE: **06/20/2006**

SHEET **1 OF 1**

SCALE **-**

DWG NO. **HZ2323RR900-48V**

REV. **A**