



RE2 / RE2R Rack Mount Battery Enclosure

Overview:

Altronix RE2/RE2R Rack Mount Battery enclosure offers a convenient way to house up to four (4) 12VDC/7AH batteries in a rack configuration. RE2R designates an RE2 in color red.

Specifications:

Agency Listings:

- **UL 294** Access Control Systems.
ANSI/UL 294 7th Ed. Access Control
Performance Levels: Destructive Attack - I;
Endurance - II; Line Security - I; Stand-by Power - II.
- **CE** European Conformity.

Features:

- Battery output PTCs rated @ 12A.
- Four (4) individual sets of battery power terminals (external).
- 2U rack mount chassis for use in standard EIA 19" rack.
 - RE2 - Black enclosure
 - RE2R - Red enclosure

Installation Instructions:

1. Mount RE2 / RE2R in desired rack location.
2. Remove front access panel by rotating thumb screws counterclockwise (*Fig. 2, pg. 2*).
3. Place desired number of sealed lead acid or Lithium Iron Phosphate (LiFePO₄) rechargeable batteries in each slot on the bottom of enclosure [BAT1] - [BAT4] (*Fig. 2, pg. 2*).
4. Connect battery terminals to each pair of Red [+] and Black [-] battery leads that correspond to terminal blocks [BAT1] - [BAT4] (carefully observe polarity).
5. Replace the front access panel by rotating thumb screws clockwise (*Fig. 2, pg. 2*).
6. Connect charging circuit from single power supply or multiple power supplies in desired configurations [BAT1] - [BAT4] terminals located on the rear of the RE2 enclosure (carefully observe polarity) (*Fig. 1a through Fig. 1e, pgs. 1 & 2*).

Fig. 1

Fig. 1a - Single or multiple 12VDC power supplies.

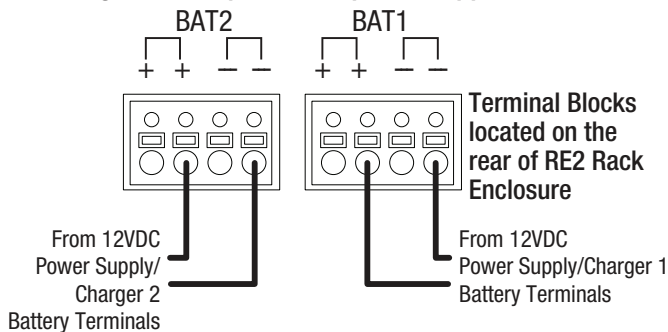


Fig. 1b - Single 12VDC power supply (parallel connection).

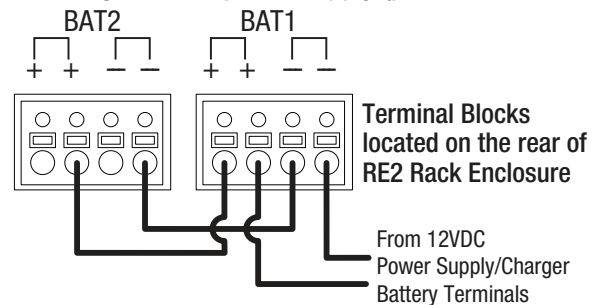


Fig. 1c - Single or multiple 24VDC power supplies (series connection).

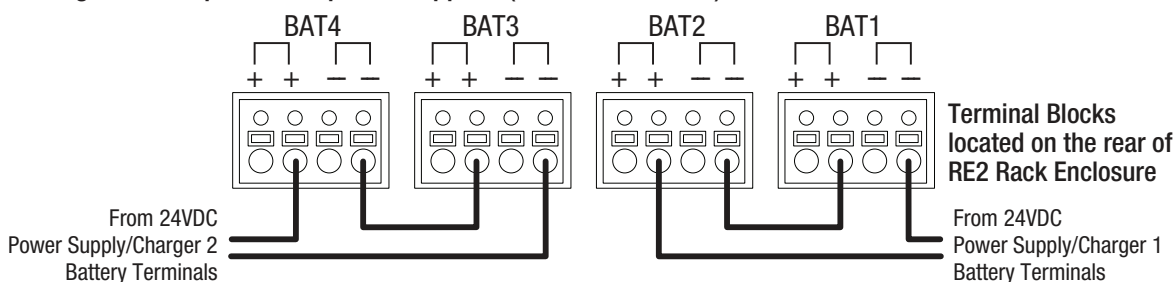


Fig. 1d - Single 24VDC power supply (series parallel connection).

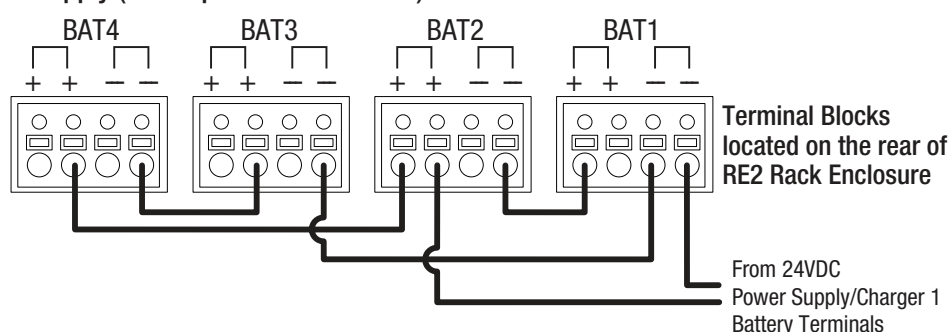
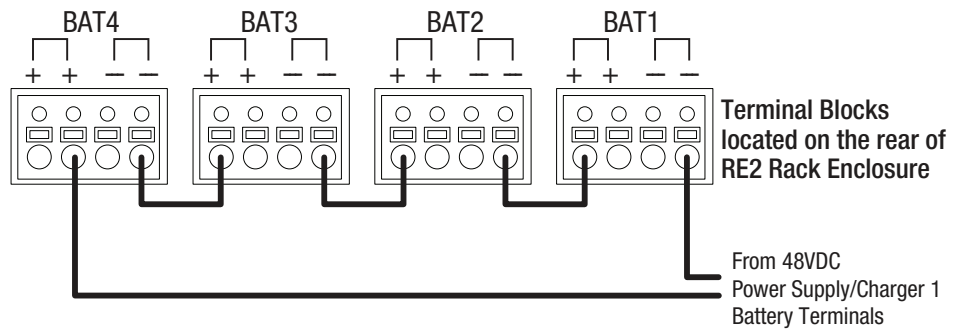


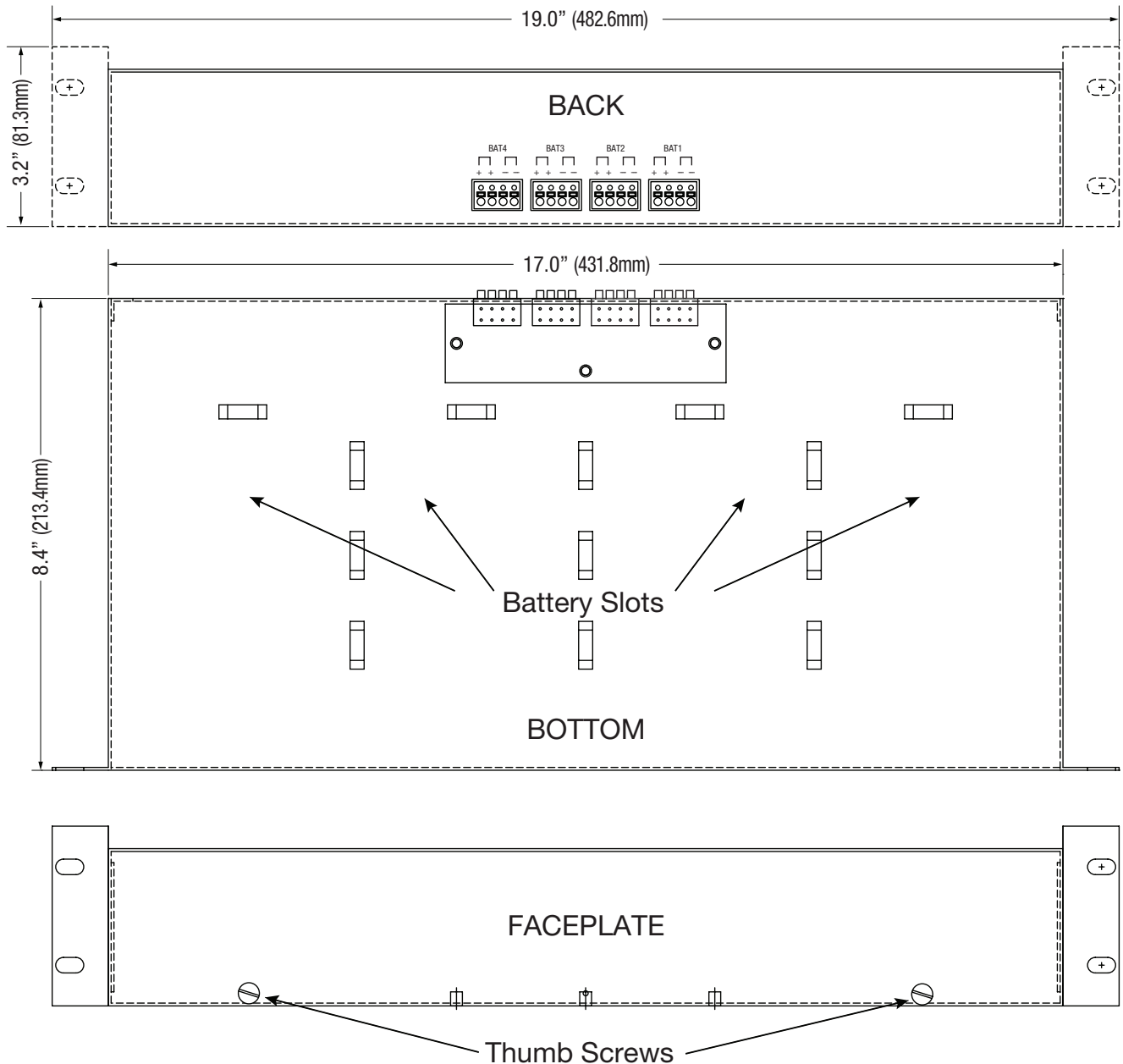
Fig. 1e - Single 48VDC power supply (series parallel connection).



Rack Mechanical Drawing and Dimensions (H x W x D):

3.25" x 19.125" x 8.4" (83mm x 486mm x 216mm)

Fig. 2



Altronix is not responsible for any typographical errors. Product specifications are subject to change without notice.

140 58th Street, Brooklyn, New York 11220 USA | phone: 718-567-8181 | fax: 718-567-9056
 website: www.altronix.com | e-mail: info@altronix.com | Lifetime Warranty
 IIRE2 / RE2R

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