

OVERVIEW

The BS1 battery shelf is designed to be installed into a LifeSafety Power E2 or E4 enclosure to allow multiple batteries to be accommodated. Multiple BS1 shelves may be installed into a single enclosure for large battery requirements.

INSTALLATION

The BS1 is secured to the back of the enclosure before hanging on the wall via the four 6-32 screws and nuts provided.

1. Center the shelf left to right in the enclosure and locate the row of holes in the enclosure that match up with the holes on the BS1 battery shelf closest to the height required.
2. Secure the shelf to the enclosure with the four 6-32 screws and nuts included.
3. Repeat steps 1 and 2 for any additional shelves to be installed into the enclosure.

OPERATION WITH DUAL VOLTAGE SUPPLIES

Power supply 1 is connected to Buss 1 of the accessory module and power supply 2 is connected to Buss 2. By using a simple jumper arrangement as a SPDT switch to connect an output to either buss, individual outputs may be selected to operate from either of the two system power supplies.

FEATURES

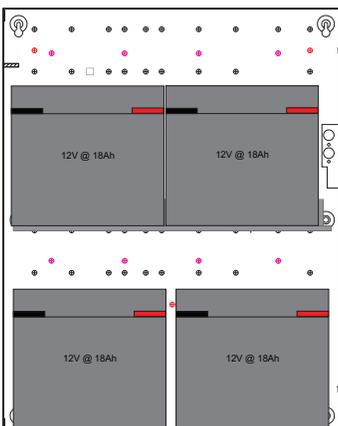
- Enclosure mounts up to two BS1 Shelves
- Deep 4" shelf fits 4, 7, 8, 12, or 18 Ah batteries
- Can be configured for 12V, 24V, or simultaneous 12 & 24V use



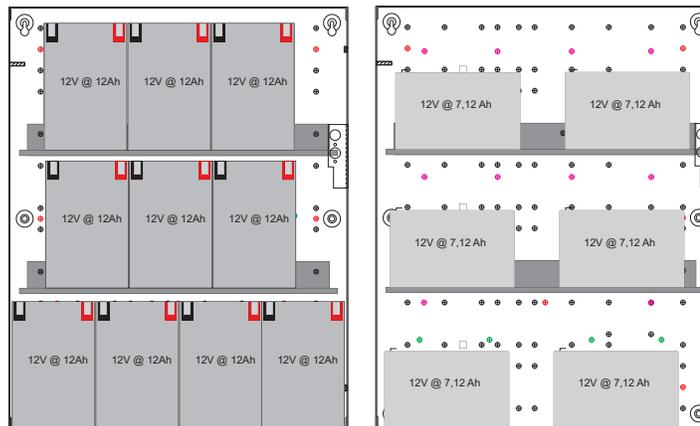
Order No.	Size	Weight
BS1	15" wide X 4" Deep	1 lb.
E2	20"H x 16"W x 4.5"D	13 lb.
E4	24"H x 20"W x 4.5"D	18 lb.

Enclosure Battery Accomodation

E2 with one shelf



E2 with two shelves

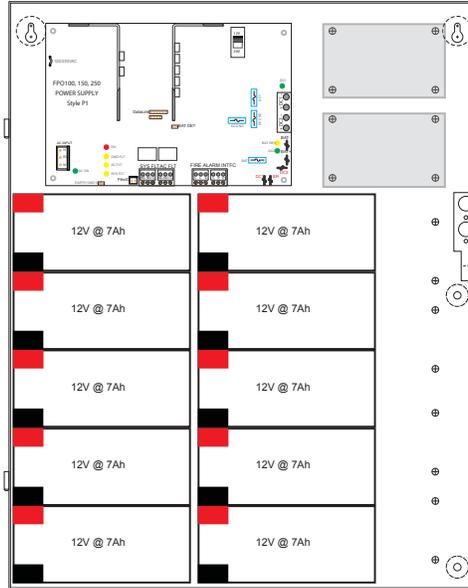


E2 Enclosure Battery Accomodation

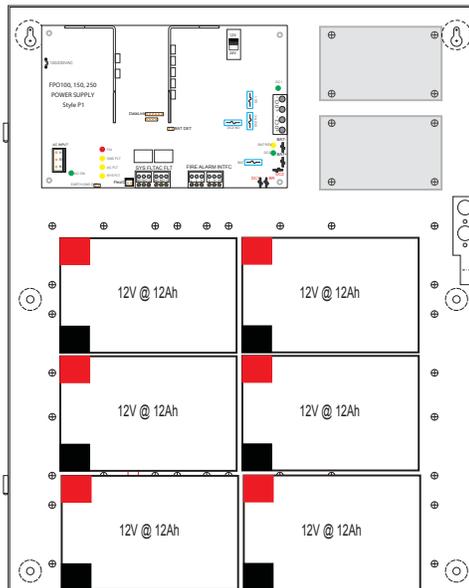
OVERVIEW

For applications that require up to 76Ah of battery capacity, the following battery layouts are intended as a guideline. The E2 cabinet space allows for a large FPO power supply (shown) and up to 16 zones of power distribution (two D8 modules).

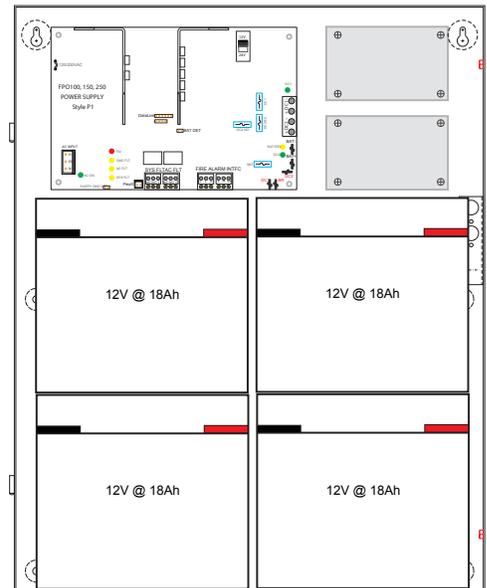
Ten 7AH Batteries
70 Total Amphours



Six 12AH Batteries
72 Total Amphours

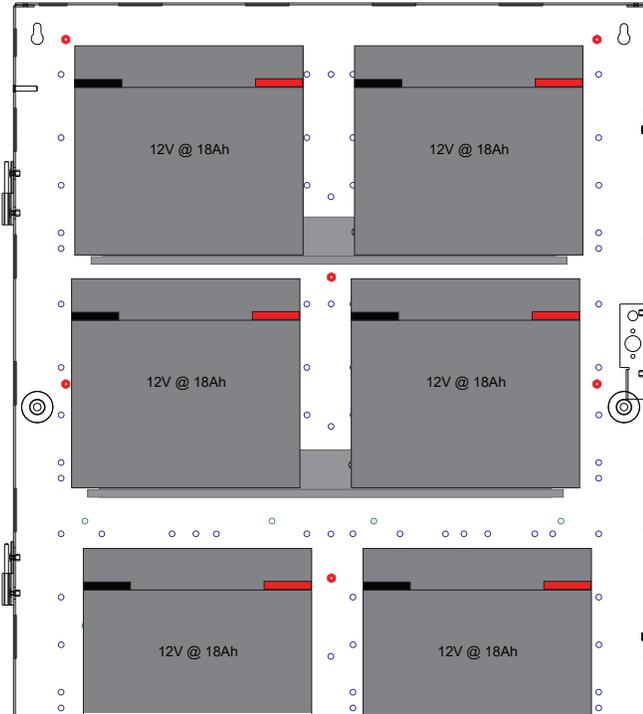


Four 18AH Batteries
76 Total Amphours

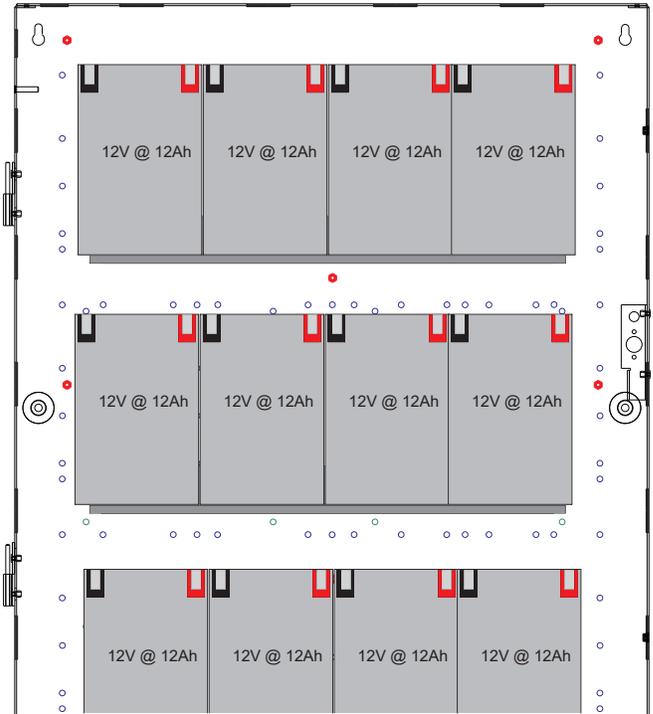


E4 Enclosure Battery Accomodation

Two shelves



Three shelves



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***Important:** All information, including illustrations, is believed to be reliable. Users, however, should independently evaluate the suitability of each product for their particular application. LifeSafety Power makes no warranties as to the accuracy or completeness of the information, and disclaims any liability regarding its use. LifeSafety Power's only obligations are those in the LifeSafety Power Standard Terms and Conditions of Sale for this product, and in no case will LifeSafety Power or its distributors be liable for any incidental, indirect, or consequential damages arising from the sale, resale, use, or misuse of the product. Specifications are subject to change without notice. In addition, LifeSafety Power reserves the right to make changes—without notification to Buyer—to processing or materials that do not affect compliance with any applicable specification.*