



# Battery Enclosures

**Toll Free: 866-346-1391**

Master Product Catalog 2nd Edition

**RSPSupply - 1-888-532-2706 - [www.RSPSupply.com](http://www.RSPSupply.com)**

<http://www.RSPSupply.com/p-8612-Battery-Enclosure-BE181614.aspx>

**32**



2006

# Pole Mount

Our Battery Enclosures include the following features:

- Manufactured to NEMA 1, 3, 3R and 12 standards, providing outdoor protection against wind, blown dust, rain, sleet, and ice (other configurations available) Visit [www.nema.org](http://www.nema.org) for more information on NEMA ratings.
- Rugged TIG welded aluminum construction .
- Highly reflective, durable and UL approved white powder-coat finish (Class B) on most models.
- Removable aluminum back panel allows for mounting of charge controller, fuse blocks, terminal strips, and other electrical components .
- Removable door and battery shelves for ease of accessibility on most models .
- Passive ventilation for convective cooling, covered internally with removable and washable filters (where used).
- High security models include pole mounting nuts accessible only from within enclosure.
- Round tumbler compression latch models include two keys per unit. Units using quarter-turn compression latches include pad-lockable feature .
- Battery straps included on most models.
- OPTIONS:
  - NEMA 4 and 4X ratings
  - Isolation shelves
  - Sealed electronics compartment
  - Fan mounts
  - Powder coating in various colors
  - All models available in stainless steel (call for details)



**LCF01** - Fits one 110Ah battery.

**BE 181614** - Fits up to two 105Ah batteries side by side. Mounts on 2"-4" Schedule 40 Pole. For larger poles use pipe strapping w/ Optional Adapter.

**BE 26208** - Fits up to two 105Ah Batteries end to end. Mounts on 2"- 4" Schedule 40 Pole. 16" Centers. For larger poles use pipe strapping w/ Optional Adapter.



**OES 431** - Fits up to four 105Ah batteries, 2 over 2. Mounts on 2" to 4" schedule 40 pole.



# Fiberglass Enclosures

NEMA Type 4X

Quick Release Latch Fiberglass Enclosures – Flat Cover



## Application

The quick release latch fiberglass enclosure can be used indoors or outdoors to provide protection against dust, dirt, oil and water. It is designed for use as a terminal wiring box, instrumentation housing or electrical control enclosure where a hinged cover is desired.

## Construction

The quick release latch enclosures are constructed of compression molded, fiberglass reinforced polyester. Enclosure includes a stainless steel continuous hinge and stainless steel quick release latches with padlock hasps. The cover gasket is a continuous urethane material. Panel mounting inserts are molded to interior of enclosure. External mounting feet are also molded to enclosure. Machine tool gray color.

\*Also available in colors.



## Panels

Optional panels are available. Panels fabricated of 0.080" or 0.090" aluminum.

## Standards

All flat cover quick release latch fiberglass enclosures conform to the National Electrical Manufacturers Association (NEMA) standard for Type 3 (Dust-tight, Raintight and Sleet/Ice Resistant), Type 4X (Watertight, Dust-tight and Corrosion Resistant), Type 12 (Dust-tight) and Type 6P (Prolonged Submersion in Water). They are listed by Underwriters Laboratories, Inc. (UL) for Canada and the United States.



## Special Orders

Custom units with holes punched and operators installed can be supplied.

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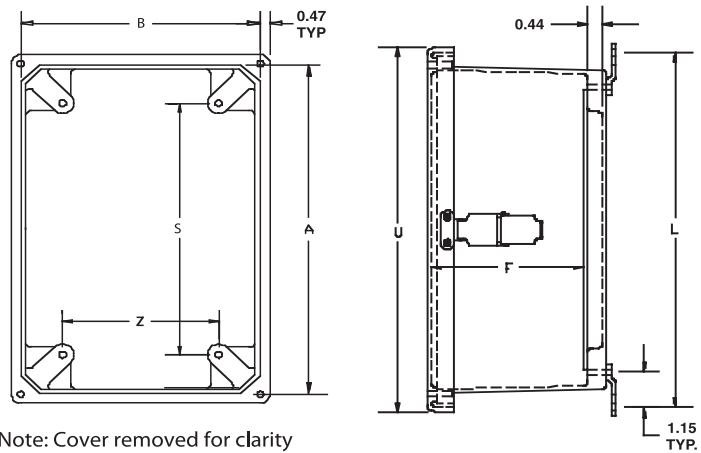
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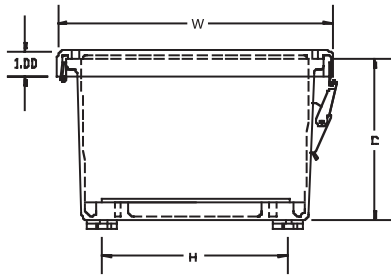
34



2006



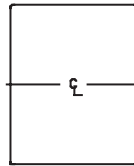
Note: Cover removed for clarity



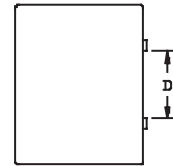
Nom. 1/8" wall thickness

Latch Locations

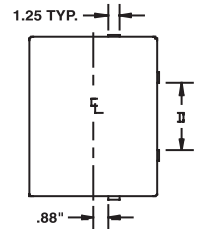
For use on  
6x6x4 8x6x4  
10x8x4  
10x8x6



For use on  
12x10x6 D=6.75  
14x12x6 D=7.25  
16x14x8 D=7.25



For use on  
18x16x8 D=5.25  
20x16x8 D=9.25



Part No.	Box Size			F	Centers				Cover Dim.	
	A	B	C		H	S	Z	L	U	W
AM664L	6.10	6.10	4.18	3.76	5.01	4.25	4.25	7.32	7.69	7.69
AM864L	8.00	6.12	4.13	3.68	5.01	6.25	4.25	9.19	9.59	7.71
AM1084L	10.13	8.26	4.13	3.68	7.01	8.25	6.25	11.19	11.73	9.85
AM1086L	10.13	8.26	6.13	5.68	7.01	8.25	6.25	11.19	11.73	9.85
AM1206L	12.13	10.26	6.13	5.68	9.01	10.25	8.25	13.19	13.73	11.85
AM1426L	14.13	12.26	6.13	5.68	11.01	12.25	10.25	15.19	15.73	13.85
AM1648L	16.27	14.40	8.13	7.68	13.01	14.25	12.25	17.19	17.87	15.99
AM1868L	18.40	16.40	8.13	7.68	14.97	16.25	14.25	19.28	20.00	18.00
AM2068L	20.00	16.00	8.13	7.68	14.54	17.81	13.81	20.84	21.59	17.59

All dimensions in inches.



# Ground Mount

Molded of durable polyethylene, maintain their tough impact properties down to -40°. Feature seamless, heavy wall construction, superior chemical resistance eliminating concerns of electrolyte spills or contact with grease/oil and full flow ventilation to ensure adequate cooling to enhance the longevity of the battery. Available in black only. When properly installed complies with USCG code of Federal Regulation #33, Sub-chapter 183.420.



**Double Battery Box** - Part # 84-1480  
**Dimensions:** 13" W x 17 1/2" D x 11" H  
11" W x 16" D x 8" H

This battery box will hold 2 - 8A24 Batteries.



**8D Low Battery Box** - Part # 90-2169  
**Dimensions:** 15" W x 25" D x 12" H  
9 1/2" W x 21 1/2" D x 9 1/2" H

This battery box will hold a single 8-D Battery.



**8D High Double Battery Box** - Part # 91-2339  
**Dimensions:** 24 1/2" W x 28" D x 14 1/2" H  
21" W x 24 1/2" D x 12 1/2" H

This battery box will hold 6 - 8G24 batteries or 2 8-D batteries.

These battery boxes feature rugged polyethylene construction to resist the marine environment and stainless steel hardware with a latch that will accept a padlock. Some assembly required.



**Medium Dock Box** - Part # 92-1244  
**Dimensions:** 40" W x 19 5/8" D x 21 3/4" H  
38 1/4" W x 18 1/2" D x 19" H

This battery box will hold 6 - 100Ah batteries.

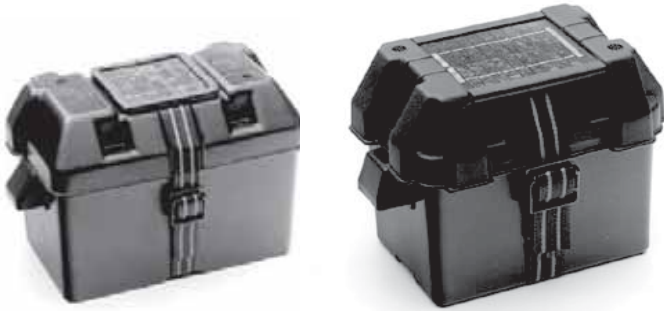


**Large Dock Box** - Part # 92-1245  
**Dimensions:** 46" W x 26" D x 27" H  
39" W x 20" D x 24 1/2" H

This battery box will hold 9 - 100Ah batteries.

# Battery Boxes

During daylight hours, our durable battery boxes convert the sun's energy into DC electricity. The electricity is then directed to the battery to offset self-discharge. Use our battery boxes to extend the life of your batteries.



**SMBB-11**

**SMBB-27U**

## Standard Series

Durable polypropylene case  
High efficiency solar module  
Economical / Efficient charger  
Ready for battery connection

## Solar Energized Battery Box

- Maintains a constant float charge on primary battery from built in solar charge
- Offsets self discharge of battery
- Extends battery life
- Powered by high efficiency crystalline solar cells
- Eliminates the need for manual charging
- Operates in hot or cold climates
- Includes blocking diode to prevent reverse current leakage
- Saves money
  - Eliminates replacing dry batteries in stand-by applications
  - Eliminates premature replacement of batteries
  - Eliminates recharging costs



**SMBB-11-HD**

## Heavy Duty Series

Steel case - weldable/boltable to trailer  
Break resistant, UV stabilized, polymer encapsulate module  
Module guard - keeps large objects from striking module  
Pad lockable  
Powder coated - Safety Yellow  
Ready for battery connection  
Battery hold down  
#16 gauge steel design for most rugged applications

Model	Description	Length	Width	Height
SMBB-11	For small lawn & garden U Series batteries	11"	7.5"	9"
SMBB-27U	Fits 27 Series batteries (break resistant module)	17"	9.5"	11.5"
SMBB-11-HD	Fits U Series batteries	10.5"	7.5"	9.5"



# Natural Rock Enclosures



Our natural rock enclosures were designed to give a non-industrial look to your outdoor solar electric system. Custom configurable to your size specifications, our natural rock enclosures work perfect for one and two battery systems. Whether its next to your pond or on the side of a nature trail, you'll be pleased with the aesthetics of your new battery enclosure.

For mounting and enclosure accessories please refer to pages 85 and 86.



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38



2006