



SeaBattery[®]



PRESSURE COMPENSATED
DESIGN



MULTIPLE
CONFIGURATIONS



UP TO 11 KM
DEPTH RATING

A Reliable Subsea Pressure-Compensated Submersible Battery

The subsea community has relied on our SeaBattery Power Module for over 30 years. The durable design works in the most demanding subsea applications. This battery has a pressure compensated design and an 11,000 m depth rating. 12V, 24V, and 48V configurations are available.

SeaBattery Power Modules use Absorbent Glass Mat (AGM) lead-acid cells which add vibration and shock resistance. These Power Modules continue to work when inverted. The SeaBattery Power Modules do not have the same shipping restrictions as lithium-ion batteries.

The SeaBattery enclosure is available for use as a junction box.



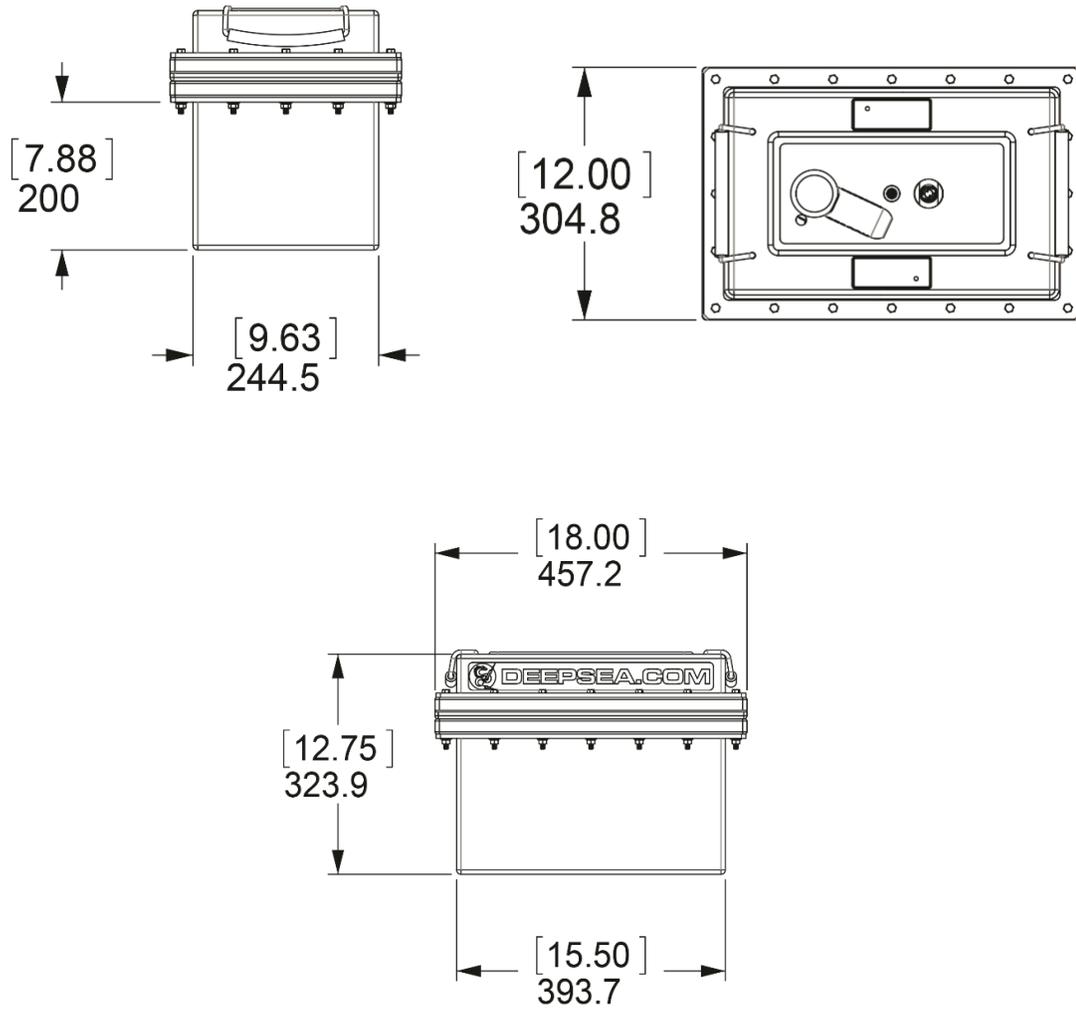
For further information, email
sales@deepsea.com



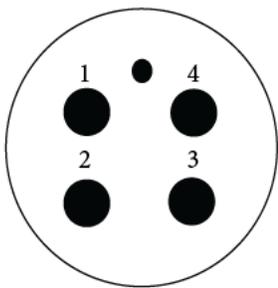
Specifications

	SB-12/80	SB-24/40	SB- 48/18
Environmental			
Depth Rating	11,000 m		
Charging Temperature Range	-15° C to 50° C [5° F to 122° F]		
Operating Temperature Range	-20° C to 60° C [-4° F to 140° F]		
Recommended Storage Temperature Range	0° C to 30° C [32° F to 86° F]		
Electrical			
Standard Configuration	12 volt 80 amp/hour	24 volt 40 amp/hour	48 volt 18 amp/hour
Max Discharge Rate	Dragonfish IL4FS: 16 Amps SEACON AWO-3 w/G: 100 Amps		
Mechanical			
Length	457.2 mm (18 in)		
Width	304.8 mm (12 in)		
Height	323.9 mm (12.75 in)		
Weight in Air	48.20 kg [106 lbs.] +/- 2%		49 kg [108 lbs.] +/- 2%
Weight in Water	18.2 kg [40 lbs.]		19.1 kg [42 lbs.]
Case	Molded Polyethylene		
Diaphragm	Molded Polyurethane		
Compensating Fluid	Inert oil		
Connector			
Connector	Right angle diaphragm penetrator on 2-meter cable terminated with Standard: Dragonfish IL4FS connector + Female Locking Sleeve Optional (High Current): SEACON AWO-3FS w/G + Female Locking Sleeve		
Chargers			
Charger	SB-CHG-SW/12	SB-CHG-SW/24	SB-CHG-120/48 SB-CHG-240/48

Dimensions

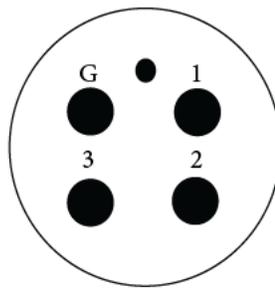


Standard Connector



IL4FS

Pin 1 = Ground
 Pin 2 = + Volts
 Pin 3 = + Volts
 Pin 4 = Ground



AWO-3 W/G-FS

Pin 1 = Ground
 Pin 2 = + Volts
 Pin 3 = + Volts
 Pin G = Ground