SeaBattery®

The subsea community has relied on the 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. 12 V, 24 V, and 48 V 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.

Specifications

	SB-12/80	SB-24/40	SB-48/18
Maximum Depth	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]		
Standard Configurations	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		
Weight in Air	48.2 kg [106 lbs] ± 2%	49.0 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	Right angle diaphragm penetrator on 2-meter cable terminated with Standard: Dragonfish IL4FS connector | Optional: SEACON AWO-3 w/G		
Charger	SB-CHG-SW/12	SB-CHG-SW-24	SB-CHG-120/48 SB-CHG-240/48

Key Features

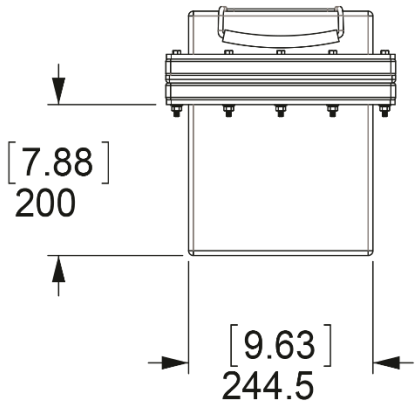
Pressure Compensated Design

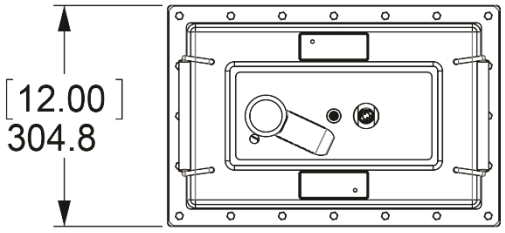
Multiple Configurations

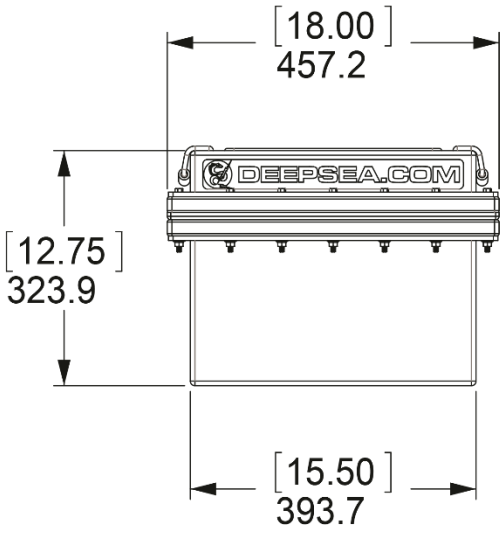
11,000 m Depth Rating

Dimensions

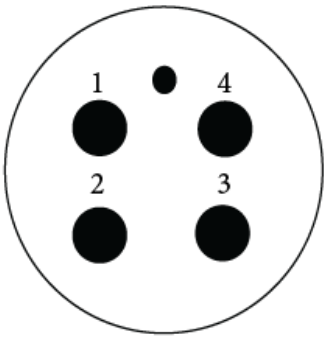
SeaBattery





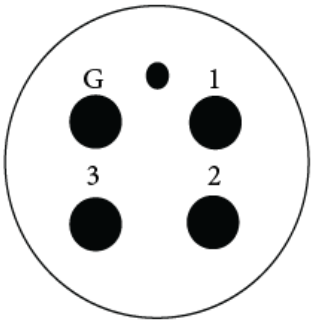


Standard Connector



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