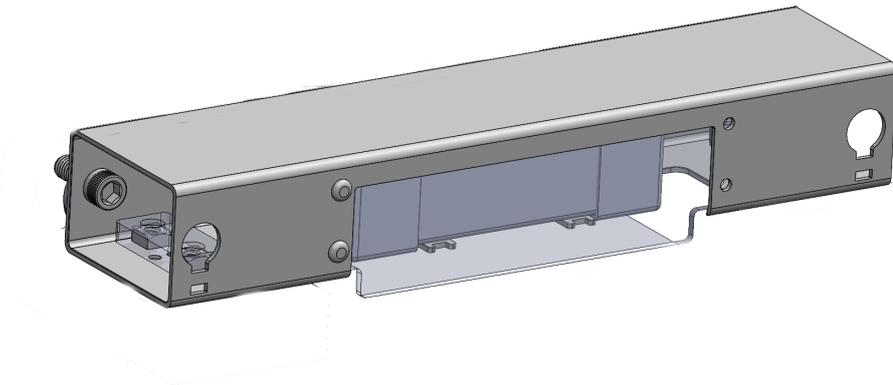




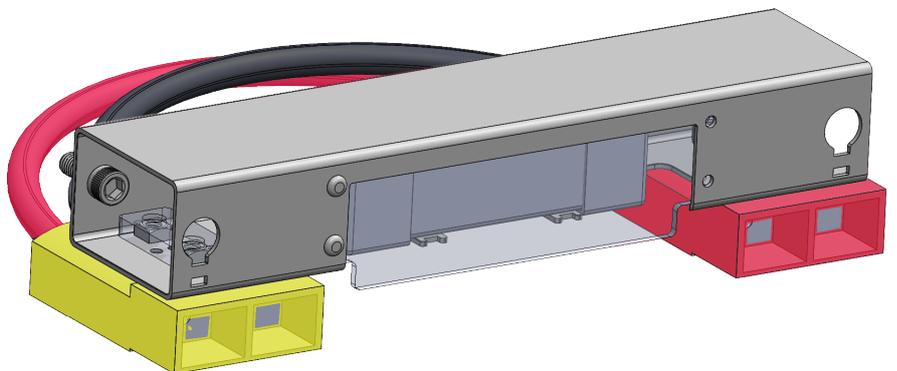
Intelligent Battery Organizing System

SENTINEL WITH RUGGED ENCLOSURE INSTALLATION



BOS-311/BOS-313

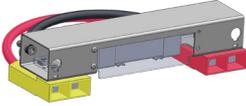
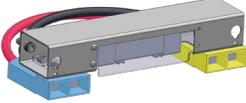
For basic Sentinel use



BOS-312-#/BOS-314-#

For Sentinels using iBOS Splitter Technology

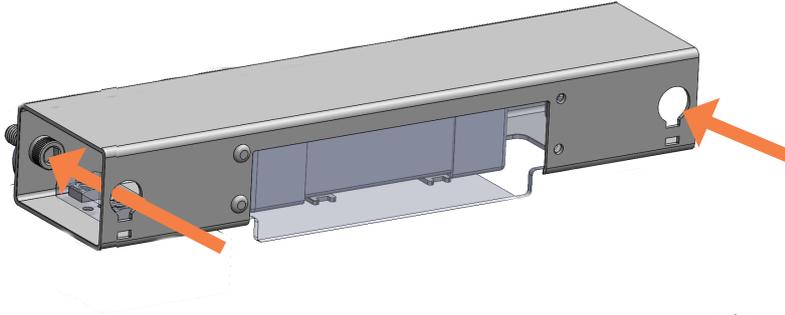
PACK CONTENTS

Part ID	BOS-311	BOS-312-#	BOS-313	BOS-314-#
		 BOS-312-10 shown		 BOS-314-12 shown
Rugged Enclosure	✓	✓	✓	✓
iBOS Data Cable	✓	✓	✓	✓
Sentinel Version	Standard Sentinel (BOS-SU6003)	Standard Sentinel (BOS-SU6003)	Sentinel with charger control (BOS-SU6004)	Sentinel with charger control (BOS-SU6004)
Mounting Hardware	✓	✓	✓	✓
SB Connectors with Cable and Quick-Taps installed.		✓		✓

QUICK INSTALLATION

The physical installation of Sentinel with Rugged Enclosure takes minutes. It is simply a matter of positioning and securing the device, connecting the data power cables, and, depending on the application, connecting the Quick-Taps and Equalization Control Dongle. The device can then be easily programmed and assigned its location using the iBOS Selector.

If this is not a Splitter Application, attach the SB® connector from the charger to the underside of the Sentinel with the bolts provided. Using a 5/8" Allen wrench and wrench, tighten the bolts through the keyholes while holding the nut with the wrench (or pliers) to the battery rack. When these bolts are secure, connect the data cable from the preceding Sentinel or the Selector to the Sentinel with Rugged Enclosure. Attach the Quick-Taps to the positive and negative cables of the charger output cable and secure them with cable ties.



5/8" Allen Wrench



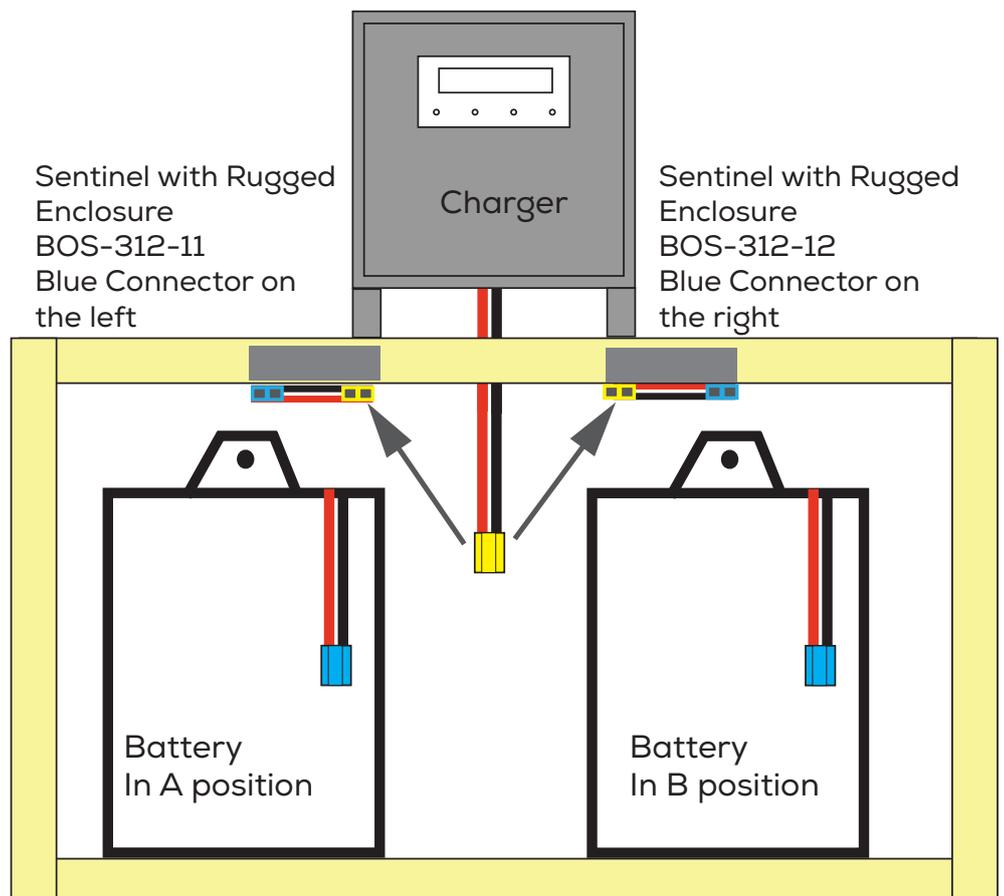
SPLITTER CONFIGURATION

If this is a Splitter Application, the SB connectors are preattached. Change the connector from the charger to the appropriate yellow SB connector. The yellow SB connectors connect the charger to the Sentinel with Rugged Enclosure assembly. With the charger in the middle, the yellow connector is always closest to the charger, and the battery connections are on the outside. This allows the charger cable to be connected to either of the Sentinel assemblies easily.

Once the enclosure's correct position has been determined, use a 5/8" Allen wrench and tighten the bolts through the keyholes while holding the nut with the wrench (or pliers) to the battery rack.

When these bolts are secure, connect the data cable from the preceding Sentinel or the Selector to the Sentinel with Rugged Enclosure. If the iBOS is managing Equalization, then connect the dongle to the charger (BOS-314-#)

When configuring these locations in the Selector enter the desired charger ID followed by an "A" or "B" (no spaces between the charger ID and A or B) and repeat as needed.



SPECIFICATION		NOTES
Power Source:	iBOS Selector	
Dimensions Length Width Height	13" (31cm) 3" (7.6cm) 2" (5.1cm)	
Input Voltage:	24 VDC	
Data Cable Length:	7 Ft (2.13 m) (included not shown)	
Quick Tap Cable	Length: 24" (61cm)	
DC Battery:	Input: 12-80v	
Warranty	1 Year	
Cable Colors	Black (-), Red (+)	BOS-312-# BOS-314-#
Weight Sentinel with Rugged Enclosure Sentinel with Rugged Enclosure for Spillters 175Ah Sentinel with Rugged Enclosure for Spillters 350Ah	3.05lb (1.38kg) 5.10lb (2.31kg) 6.41lb (2.91kg)	



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