

Mini Add-A-Battery Plus

Don't get stranded with a dead battery

A complete small boat battery management system. Charge two batteries at or away from the dock

- For alternators up to 65A
- Includes a M-Series Dual Circuit Plus™ Battery Switch, a BatteryLink® Charger, and a Remote LED indicator

M-Series Dual Circuit Plus Battery Switch

- Switches two battery banks simultaneously while maintaining battery bank isolation
- Can combine two battery banks in the event of a low start battery
- IP66 - protected against powerful water jets

BatteryLink Charger

- Integrated ACR provides DC charging from engine alternator
- AC plug-in while at the dock
- Battery temperature compensation prolongs battery life
- Start isolation protects sensitive electronics
- IP67 - protected against immersion up to 1 meter for 30 minutes

Related Products



BatteryLink™ Chargers



M-Series Battery Switch

CE **IGNITION PROTECTED**



7655

Alternators up to 65A



Specs

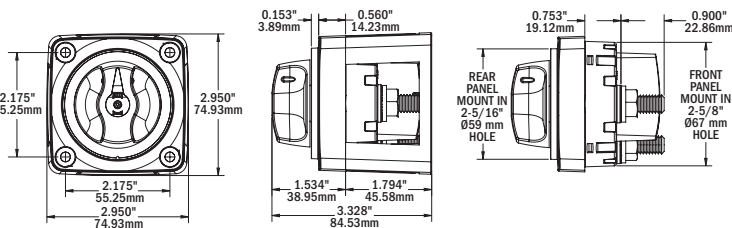
BatteryLink Charger

Nominal Output Voltage	12V DC
Output Connections	2 positive, 1 negative
Universal AC Input	100V-240V AC, 50/60 Hz
Typical Float Voltage (25°C)	13.5V DC
Typical Absorption Voltage (25°C)	14.4V DC
ACR Combine Voltage	13.0V
ACR Open Voltage	12.75V
Terminal Stud Size	1/4"-20 (accepts M6 ring terminal)
1/4" Terminal Stud Torque	60 in-lb (6.8 Nm) Max.
Positive Terminal Stud Size (20A model)	3/8"-16 (accepts M10 ring terminal)
Quick Connect Terminal Size	1/4" x 0.032"
Warranty	5 Year
Battery Types	Flooded, AGM, TPPL
Regulatory	Designed and constructed for compliance to UL-1236 Marine, CSA 22.2 No. 107.2 and ABYC A-31 standards. Ignition protected per ISO 8846 and SAE J1171. Meets FCC Part 15, Class B requirements. Designed and tested to comply with California Energy Commission (CEC) efficiency standards. Waterproof IP67 - protected against immersion up to 1 meter for 30 minutes

M-Series Dual Circuit Plus Battery Switch

Part #	6011
Cranking Rating: 30 sec.	675A per circuit
Intermittent Rating: 5 min.	450A per circuit
Continuous Rating	300A per circuit
Voltage Max. Operating	32V DC
3/8" Terminal Stud Torque	140 in-lb (15.8 Nm) Max.
Regulatory	CE marked, ISO 8846, UL Listed - UL 1107 electric power switches, Meets American Boat and Yacht Council (ABYC) requirements, Meets UL 1500 and SAE J1171 external ignition protection requirements, IP66 - protected against powerful water jets

Part #	Description	Plug Style
7655	Mini Add-A-Battery Plus Kit	North American: NEMA 5-15P
7654	Mini Add-A-Battery Plus Kit	European: CEE 7/7
7653	Mini Add-A-Battery Plus Kit	Bare wire



TECH TIP

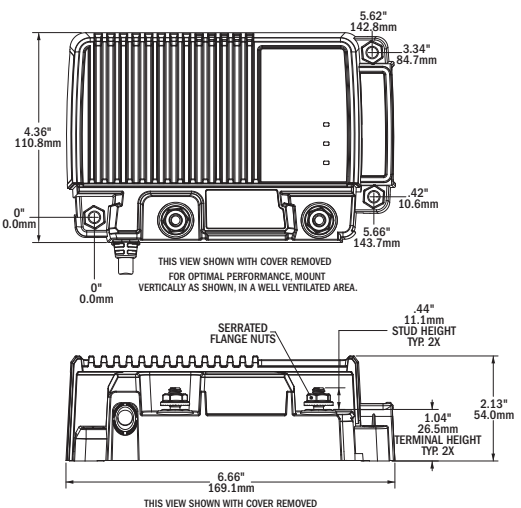
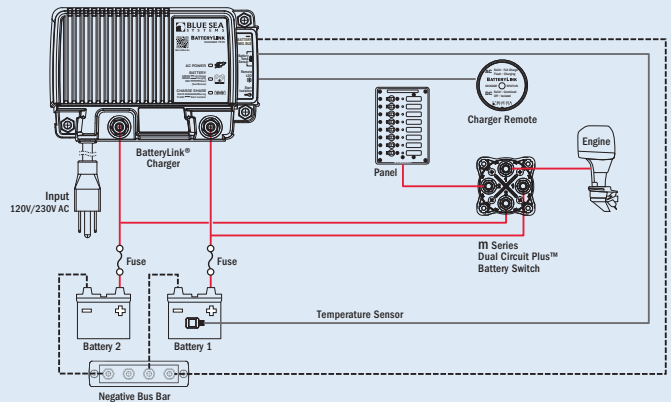
AC & DC Battery Charging Explained

AC Charging (At the Dock)

The BatteryLink Charger works like a typical AC charger. When you plug in the AC cord, power is supplied allowing up to 10 amps of current to charge the connected batteries. Unlike a typical two bank charger, the BatteryLink Charger will charge both batteries simultaneously through the integrated ACR. When AC power is present, the ACR will combine both batteries and the AC charger will charge them as one bank. For this reason the BatteryLink Charger can only be used in 12V applications.

DC Charging (Away from the Dock)

The BatteryLink Charger incorporates DC charging through an integrated 65A Automatic Charging Relay (ACR). An ACR uses a relay combined with a voltage sensing circuit. When a DC charge is being applied to either battery, and causes the voltage to rise above 13.0V, the relay closes and combines the two batteries to share the charge. When the charge is taken away or a load on the battery causes the voltage to drop below 12.75V, the relay will open, isolating the two batteries. This means that even when the BatteryLink Charger is disconnected from AC power you can charge both your battery banks with an onboard DC charging source, like an engine alternator.



Specifications subject to change. See blueseasystems.com for current information.