

Add-A-Battery

DON'T GET STRANDED WITH A DEAD BATTERY

The ADD-A-BATTERY is as simple to operate as an ON-OFF switch, yet effectively manages the switching and charging of two batteries from a single charge source

The Add-A-Battery includes a Dual Circuit Plus™ Battery Switch and an Automatic Charging Relay. These components simplify switching and automate charging, so that all you have to do is turn the battery switch ON when you arrive and OFF when you leave.

Dual Circuit Plus™ Battery Switch

- Simplifies switching
- Isolates engine and house circuits
- Combines batteries for emergency starting
- Tin-plated copper studs for maximum conductivity and corrosion resistance

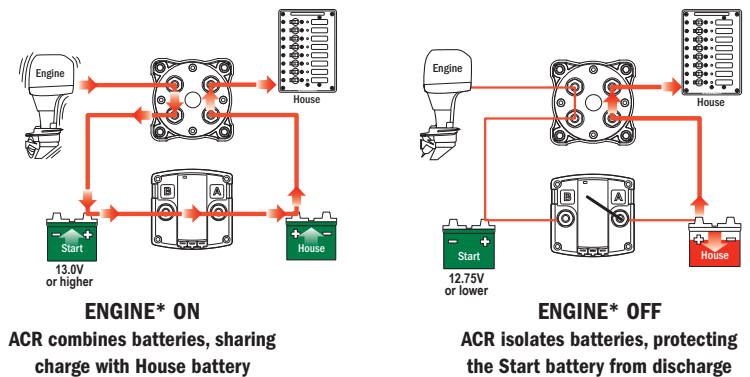
ACR Automatic Charging Relay

- Automatically combines batteries during charging
- Isolates batteries during engine cranking and when not charging
- Shares the charge between two batteries more efficiently than a battery isolator
- Allows efficient dual battery charging without needing regulator adjustment or rewiring

Related Products



Operational Diagram



*Engine with alternator up to 65A for Mini Add-A-Battery and engine with alternator up to 120A for Add-A-Battery



Mini Add-A-Battery 7649



Scan to learn more about Add-A-Battery products

m-Series Dual Circuit Plus™ Battery Switch PN 6011

Cranking Rating: 10 sec.	1,000A per circuit
Cranking Rating: 1 min.	650A per circuit
Intermittent Rating: 5 min.	450A per circuit
Continuous Rating	300A per circuit
Voltage Max. Operating	32V DC

m-ACR PN 7601

Continuous Rating	65A
Intermittent Rating: 5 min.	115A
Cable Size to meet ratings	6 AWG (16mm ²)
Terminal Stud Size	1/4"-20
Ring Terminal Size	1/4" Diameter (M6)

Relay Contact Position	12V DC	24V DC
Combine (30 sec.)	13.6V DC	27.2V DC
Combine (2 min.)	13.0V DC	26.0V DC
Open Low (10 sec.)	12.35V DC	24.7V DC
Open Low (30 sec.)	12.75V DC	25.5V DC
Over Voltage Lockout	16.0V DC	-
Under Voltage Lockout	9.5V DC	19.0V DC

Regulatory

CE marked for Ignition Protection, Meets (UL 1500, M-Series 6011) (ISO 8846, and SAE J1171, M-ACR 7601) external ignition protection requirements
Rated IP67—protected against immersion up to 1 meter 30 minutes

Add-A-Battery 7650

e-Series Dual Circuit Plus™ Battery Switch PN 5511e

Cranking Rating: 10 sec.	1,000A per circuit
Cranking Rating: 1 min.	750A per circuit
Intermittent Rating: 5 min.	525A per circuit
Continuous Rating	350A per circuit
Voltage Max. Operating	32V DC

SI-ACR PN 7610

Continuous Rating	120A
Intermittent Rating: 5 min.	210A
Terminal Stud Size	3/8"-16
Ring Terminal Size	3/8" Diameter (M10)

Relay Contact Position	12V DC	24V DC
Combine (30 sec.)	13.6V DC	27.2V DC
Combine (2 min.)	13.0V DC	26.0V DC
Open Low (10 sec.)	12.35V DC	24.7V DC
Open Low (30 sec.)	12.75V DC	25.5V DC
Over Voltage Lockout	16.0V DC	-
Under Voltage Lockout	9.5V DC	19.0V DC
Under Voltage Reset	10.0V DC	20.0V DC

Regulatory

CE marked for Ignition Protection, Meets ISO 8846, UL 1500 and SAE J1171 external ignition protection requirements
Rated IP67—protected against immersion up to 1 meter for 30 minutes

7649 Mini Add-A-Battery

For most outboards



m-Series 6011
1,000A Cranking: 10 sec.
650A Cranking: 1 min.
450A Intermittent: 5 min.
300A Continuous
32V DC Maximum
Cable size 4/0 AWG (120mm²)



m-ACR 7601
115A Intermittent: 5 min.
65A Continuous
12V or 24V DC Nominal

7650 Add-A-Battery

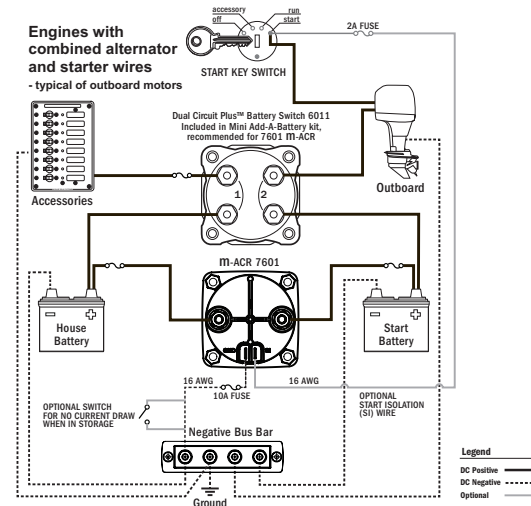
For outboards up to 350HP or inboards with stock alternators



e-Series 5511e
1,000A Cranking: 10 sec.
750A Cranking: 1 min.
525A Intermittent: 5 min.
350A Continuous
32V DC Maximum
Cable size 4/0 AWG (120mm²)



SI-ACR 7610
210A Intermittent: 5 min.
120A Continuous
12V or 24V DC Nominal



Wiring diagram for both Add-A-Battery Kits



425 Sequoia Drive
Bellingham, WA 98226 USA
p 360.738.8230
p 800.222.7617 USA and Canada
f 360.734.4195
conductor@blueseas.com
www.blueseas.com

Specifications subject to change.
See blueseas.com for current information.
6833 Rev.007