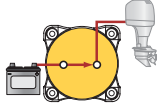



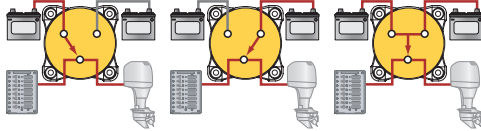



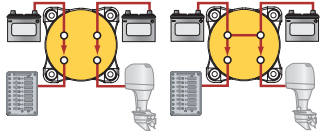


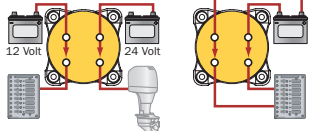




Battery Switches

ABYC 11.7.1.2.1. A battery switch shall be installed in the positive conductor(s) from each battery or battery bank with a CCA rating greater than 800 Amperes.

Application	Diagram	m-Series	e-Series	HD-Series
		Outboards and small inboards 300A Continuous Rating	Small inboards and diesel engines 300-350A Continuous Rating	Large diesel engines 500-600A Continuous Rating
Single Circuit ON/OFF <ul style="list-style-type: none"> Switches a single battery to a single load group Multiple switches can be used to manage several isolated circuits including cross connecting for emergency paralleling 	 <p>Switch Set to "ON"</p>	 <p>6006 6005</p>	 <p>9003e</p>	 <p>3000</p>
Selector <ul style="list-style-type: none"> Switches battery bank 1 or battery bank 2 or both to a single load using one switch 	 <p>Switch Set to "1" Switch Set to "2" Switch Set to "1+2"</p>	 <p>6007</p>	 <p>9001e</p>	 <p>3002</p>
Dual Circuit PLUS™ <ul style="list-style-type: none"> Switches two battery banks simultaneously with one simple ON/OFF switch while maintaining battery bank isolation, minimizing the risk of a dead Start battery The "Combine Batteries" function offers the ability to combine the two battery banks in the event of a low Start battery 	 <p>Switch Set to "ON" Switch Set to "COMBINE BATTERIES"</p>	 <p>6011</p>	 <p>5511e</p>	
Dual Circuit™ <ul style="list-style-type: none"> Switches both positive and negative lines simultaneously with one simple ON/OFF switch meeting European and metal boat requirements for a double pole switch Switches circuits of different voltages, such as 12 Volt and 24 Volt, simultaneously with one simple ON/OFF switch 	 <p>Switch Set to "ON" Isolated Battery Banks Switch Set to "ON" One Battery Bank</p>	 <p>6010</p>	 <p>5510e</p>	

DC Battery Management Panels



8280



8370



8080



8686



8690



8687



8691



8689



8693

m-Series

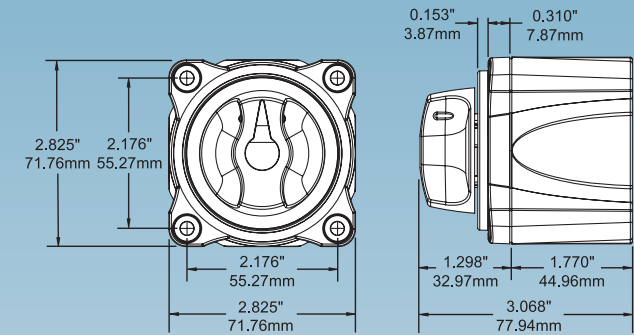
Specifications

Inrush Rating: 2.5 Sec.*
 Cranking Rating: 100 sec.*
 Intermittent Rating: 5 min. (UL 1107)
 Continuous Rating: (UL 1107)
 Terminal Stud, Tin-Plated Copper
 Torque
 Cable Size to Meet Ratings¹
 Maximum Voltage Rating
CE marked

6005-6007
 1,500 Amperes DC
 700 Amperes DC
 500 Amperes DC
 300 Amperes DC
 3/8"-16 (M10)
 120 in-lb
 4/0 AWG
 48 Volts DC
 Yes

6010-6011
 1,200 Amperes DC
 600 Amperes DC
 450 Amperes DC
 300 Amperes DC
 3/8"-16 (M10)
 120 in-lb
 4/0 AWG
 32 Volts DC
 Yes

PN	Description	Weight Lb (Kg)
6005	Single Circuit ON/OFF	0.62 (0.28)
6006	Single Circuit ON/OFF	0.63 (0.29)
6007	Selector	0.77 (0.35)
6010	Dual Circuit™	0.80 (0.36)
6011	Dual Circuit Plus™	0.80 (0.36)



Agency Specifications

- UL Listed - UL 1107 electric power switches
- Ignition Protected - Meets UL 1500 and SAE J1171 external ignition protection requirements

e-Series

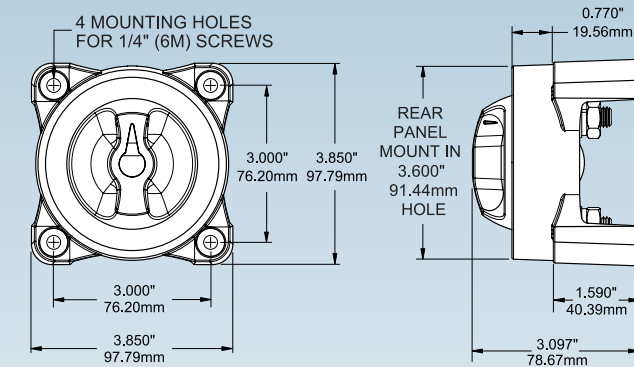
Specifications

Inrush Rating: 2.5 sec.*
 Cranking Rating: 100 sec.*
 Intermittent Rating: 5 min. (UL 1107)
 Continuous Rating: (UL 1107)
 Terminal Stud, Tin-Plated Copper
 Torque
 Cable Size to Meet Ratings¹
 Maximum Voltage Rating
CE marked

9001e-9004e
 1,750 Amperes DC
 900 Amperes DC
 600 Amperes DC
 350 Amperes DC
 3/8"-16 (M10)
 140 in-lb
 4/0 AWG
 48 Volts DC
 Yes

5510e-5511e
 1,500 Amperes DC
 700 Amperes DC
 525 Amperes DC
 300 Amperes DC
 3/8"-16 (M10)
 140 in-lb
 4/0 AWG
 32 Volts DC
 Yes

PN	Description	AFD**	Weight Lb (Kg)
9001e	Selector	-	1.10 (0.50)
9002e	Selector	Yes	1.15 (0.52)
9003e	Single Circuit ON/OFF	-	0.92 (0.42)
9004e	Single Circuit ON/OFF	Yes	0.96 (0.44)
5510e	Dual Circuit™	-	1.27 (0.57)
5511e	Dual Circuit Plus™	-	1.27 (0.57)



Agency Specifications

- UL Listed - UL 1107 electric power switches
- Ignition Protected - Meets UL 1500 and SAE J1171 external ignition protection requirements

HD-Series

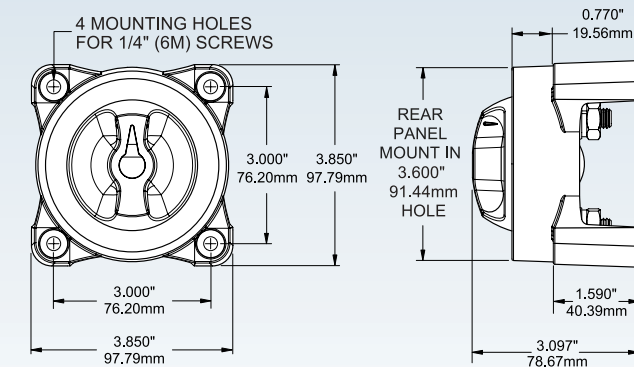
Specifications

Inrush Rating: 2.5 sec.*
 Cranking Rating: 100 sec.*
 Intermittent Rating: 5 min. (UL 1107)
 Continuous Rating: (UL 1107)
 Terminal Stud, Tin-Plated Copper
 Torque
 Cable Size to Meet Ratings¹
 Cable Quantity to Meet Ratings¹
 Maximum Voltage Rating
 Cable Clearance For 4/0 Cables
CE marked

3000-3001
 2,000 Amperes DC
 1,200 Amperes DC
 900 Amperes DC
 600 Amperes DC
 M12-1.75 (1/2")
 220 in-lb
 4/0 AWG
 Two Cables²
 48 Volts DC
 1.10" (28.0mm)
 Yes

3002-3003
 1,750 Amperes DC
 1,000 Amperes DC
 700 Amperes DC
 500 Amperes DC
 M12-1.75 (1/2")
 220 in-lb
 4/0 AWG
 Two Cables/Terminal
 48 Volts DC
 1.10" (28.0mm)
 Yes

PN	Description	AFD**	Weight Lb (Kg)
3000	Single Circuit ON/OFF	-	1.20 (0.54)
3001	Single Circuit ON/OFF	Yes	1.25 (0.56)
3002	Selector	-	1.20 (0.54)
3003	Selector	Yes	1.25 (0.56)



Agency Specifications

- UL Listed - UL 1107 electric power switches
- Ignition Protected - Meets UL 1500 and SAE J1171 external ignition protection requirements

* See www.bluesea.com for the Blue Sea Systems Engine Starting Standard

** Alternator Field Disconnect (AFD) protects the diodes in the alternator in the event of the switch being set to "OFF" while the engine is running.

¹ Reducing cable sizes or quantities will reduce current ratings

² Two cables on battery terminal, one cable on each common terminal