

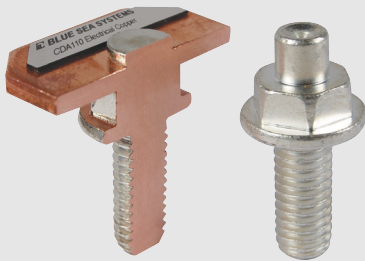


# e-SERIES

## BATTERY SWITCHES

### 350 AMPERE CONTINUOUS RATING FOR INBOARD GASOLINE AND DIESEL ENGINES

- Tin-plated copper studs for maximum conductivity and corrosion resistance
- Studs accept 3/8" (M10) ring terminals
- Blue Sea Systems one-piece terminal stud design never loosens over time
- 7/8" (22.22mm) stud length accepts multiple cable terminals
- Case design allows surface, rear, or front panel mounting
- Fits most PERKO and Guest battery switch hole patterns
- Tactile indicator conveys knob position by feel











Blue Sea Systems one-piece terminal stud design



5511E

#### Key to Specific Features

-  Alternator Field Disconnect (AFD)
-  Make-before-break contact allows switching between battery banks without power interruption

Part Number	Specific Features	Functions	Weight lb (kg)
9003E	-	<b>SINGLE CIRCUIT</b> 2 switch positions 1 battery input	0.95 (0.43)
9004E		<b>SINGLE CIRCUIT</b> 2 switch positions 1 battery input	0.95 (0.43)
9001E		<b>SELECTOR—4 Pos.</b> 4 switch positions 2 battery inputs Battery combine	1.15 (0.52)
9002E	 	<b>SELECTOR—4 Pos.</b> 4 switch positions 2 battery inputs Battery combine	1.15 (0.52)
11001		<b>SELECTOR—3 Pos.</b> 3 switch positions 2 battery inputs	1.15 (0.52)
5510E	-	<b>DUAL CIRCUIT™</b> 2 switch positions 2 battery inputs	1.16 (0.53)
5511E		<b>DUAL CIRCUIT PLUS™</b> 3 switch positions 2 battery inputs Battery combine	1.16 (0.53)

# e-SERIES

## BATTERY SWITCHES

### Specifications

e-Series PN:	9001e, 9002e, 9003e, 9004e, 11001	5510e, 5511e
Cranking Rating: 10 sec.	2,000A	1,000A*
Cranking Rating: 1 min.	1,000A	750A*
Intermittent Rating: 5 min.	600A	525A*
Continuous Rating:	350A	350A*
Maximum Operating Voltage:	32V DC†	32V DC
Terminal Stud Size:	3/8"-16	3/8"-16
Recommended Ring Terminal:	M10	M10
Max. Terminal Stud Torque:	140 in-lb (15.82 N-m)	140 in-lb (15.82 N-m)
Mounting:	1/4"(M6) Screw	1/4"(M6) Screw
Cable Size to Meet Ratings:‡	4/0 AWG (95mm²)	4/0 AWG (95mm²)
Cable Clearance for 4/0 Cables:	1.10" (27.9mm)	1.10" (27.9mm)

### 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

\* Per circuit

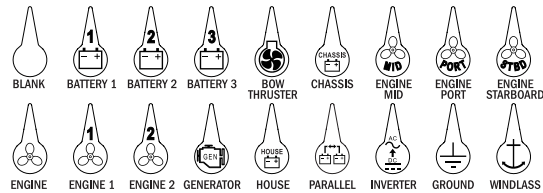
† PN's 9003e and 9004e are rated 48V DC

‡ Reducing cable size will reduce current rating

## BATTERY SWITCH CONFIGURATIONS TABLE

Battery Switch Operation Diagrams	M-Series	e-Series	HD-Series
	Outboards and small inboards 300 Amps	Inboards and diesel engines 350 Amps	Large diesel engines 500-600 Amps
<b>ON-OFF SINGLE CIRCUIT</b> —switches a single battery to a single load group M-Series and e-Series:  Switch set to "ON" HD-Series:  Switch set to "ON"	 6006 6005	 9003e	 3000
<b>SELECTOR 4 Position</b> —switches isolated battery banks to all loads or combines battery banks to all loads Switch set to "1"     Switch set to "2"     Switch set to "1+2"	 6007	 9001e	 3002
<b>SELECTOR 3 Position</b> —switches isolated battery banks to all loads Switch set to "1"     Switch set to "2"		 11001	 11003
<b>DUAL CIRCUIT™</b> —simultaneously switches two isolated battery banks Switch set to "ON"	 6010	 5510e	
<b>DUAL CIRCUIT PLUS™</b> —simultaneously switches two isolated battery banks or combines battery banks to all loads Switch set to "ON"     Switch set to "COMBINE BATTERIES"	 6011	 5511e	

Icon set 7902, (sold separately)



### COMPETITIVELY PRICED BATTERY SWITCH COMPARISON TABLE

Manufacturer	Blue Sea Systems	PERKO	Guest	Cole Hersee	BEP
Model	9001e	8501DP	2111	M750	721
UL Listed	yes	yes	yes	yes	no
Ignition Protected	●	yes	yes	yes	yes
Ingress Protected	●	yes	no	no	no
Intermittent Rating (UL 1107)	600A	360A	345A	500A	500A
Continuous Rating (UL 1107)	350A	250A	230A	310A	350A
List Price (USD)					
Tin-Plated Copper Terminal Studs	yes	no	no	no	yes
Terminal Size	3/8"	5/16"	3/8"	3/8"	10mm
Accepts 4/0 Cable	yes	no	no	no	yes
Cable Entry Directions	3	1	1	1	4
Fits PERKO Mounting Hole Pattern	yes	yes	yes	no	no
Mounting Area Required (Sq. In)	15	27	30	36	16
AFD Available	yes	yes	yes	yes	no
Warranty	lifetime	5 years*	1 year	please call	2 years

● Meets UL 1500 and SAE J1171 external ignition protection requirements    ● IP66—Protected against powerful water jets

\* Limited labor and materials

