



SOLID STATE MARINE BATTERIES

DEEP CYCLE / DUAL PURPOSE

PRODUCT CATALOG



TWICE THE POWER AS LITHIUM BATTERIES. Our high-density solid-state cells deliver more power than standard lithium cells.



LIGHTER WEIGHT: Solid-state cells are 1/2 the weight of lithium cells and 1/6 the weight of lead acid cells.



SMALLER SIZE: We can provide as much current as 2 Lithium batteries in a single package!



GREATER SAFETY: Solid State batteries remove the materials that make lithium cells prone to fire. We have passed rigorous third-party testing to ensure all batteries provide years of safe performance.



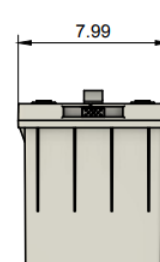
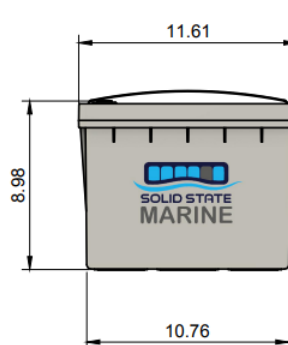
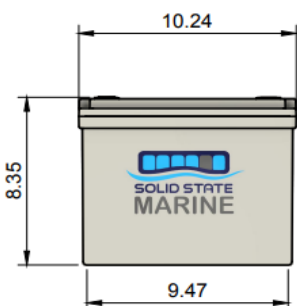
HIGHER PERFORMANCE: Our batteries have 2X faster charging than Lithium batteries and 5X faster than Lead Acid. We also provide up to 250A of continuous power.

Solid State Marine
319 Manley St., West Bridgewater MA. 02379
TEL (401) 608-0077 EMAIL: sales@solidstatemarine.com

	SSM24 12V 90Ah	SSM27 12V 210 Ah	SSM31 12V 300Ah	SSM8D 12V 600Ah	SSM24 24V 60Ah	SSM31 24V150 Ah
Power: (Wh)	1296	3024	4320	8640	1512	3780
Rated (Capacity(Ah):(25C)	90	210	300	600	60	150
Voltage (V):	14.4	14.4	14.4	14.4	25.2	25.2
Charge Voltage (V):	16.5	16.5	16.5	16.5	29.4	29.4
Max Charge Current: (A)	<45	<100A	<150A	<300A	<30A	<75A
Peak Discharge Current:	350A (BMS)	350A (BMS)	350A (BMS)	500A (BMS)	350A (BMS)	350A (BMS)
Discharge Current:(A)	150A	250A	250A	250A	150A	250A
CCA (equivalent)	650	1000	1000	1000	425	1000
Size	GRP 24	GRP 27	GRP 31	GRP 8D	GRP 24	GRP 31
Weight (LBS):	14	28	44	85	17	38
Price	\$999	\$1799	\$ 2599	\$ 5199	\$1099	\$2099

MECHANICAL SPECIFICATIONS

SSM24	10.24 x 6.61 x 8.35 inches
SSM27	11.61 x 7.99 x 8.98 inches

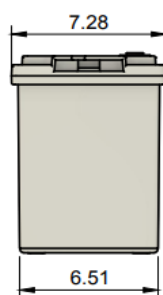
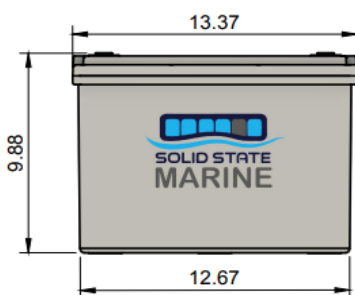


	SSM24 36V 60 Ah	SSM31 36V 120 Ah	SSM8D 36V 300Ah	SSM27 48V 60Ah	SSM8D 48V 120Ah	SSM8D 48V 210Ah
Power: (Wh)	2160	4320	10800	3024	6048	10584
Rated Capacity: (Ah) (25C)	60	120	300	60	120	210
Voltage(V):	36	36	36	50.4	50.4	50.4
Charge Voltage(V):	42	42	42	58.8	58.8	58.8
Max Charge Current (A):	<30	<60	<150	<30	<60	<100
Peak Discharge Current:	200A (BMS)	350A (BMS)	500A (BMS)	200A (BMS)	500A (BMS)	500A (BMS)
Discharge Current: (A)	150	150	250	150	150	250
CCA (equivalent)	425	850	1000	425	850	1000
Size	GRP 24	GRP 31	GRP 8D	GRP 27	GRP 8D	GRP 8D
Weight (LBS)	20	40	100	28	56	98
Price	\$ 1499	\$ 2750	\$ 5950	\$ 2099	\$ 4490	\$ 5950

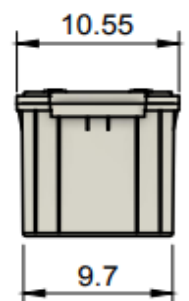
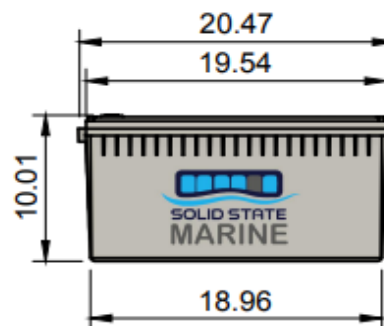
MECHANICAL SPECIFICATIONS

SSM31	13.37 x 7.28 x 9.88 inches
SSM8D	20.75 x 11.13 X 10.88 inches

Group 31



Group 8D



FEATURES:

- **BLUETOOTH:**
IOS and Android apps
- **NMEA 2000:**
Monitor your battery through your chart plotter.
- **LOW TEMPERATURE OPERATION:**
Our battery operates to -4°F.
- **ADVANCED BATTERY MANAGEMENT SYSTEM (BMS):**
Manages, protects, and extends the life of your battery. It provides 100% depth of discharge and prevents shock from short circuiting. It balances cells, and monitors cell vtg, current, charge, discharge, and temp.
- **WARRANTY:** 8 year manufacturers defect warranty on all batteries. 5 year free replacement.

TEMPERATURE SPECIFICATIONS

High Temperature Cutoff	70°C (BMS)
Charge Temperature Range	-4°F~155°F (-20°C~70°C)
Discharge Temperature Range	-4°F~155°F (-20°C~70°C)
Storage Temperature	-4°F~113°F (-20C~45°C)

OTHER

Connections Available	Series and Parallel (2S4P)
Communication Protocol	Optional NMEA 2000
Terminal Bolt Size	M8
Recommended Terminal Torque	10 – 12 Nm
Housing Material	ABS
Protection Rating	IP67
Accessories	Long Terminal Bolts (2): M8
Testing	UN38.3, UL1642
Cycles	3000
Warranty	Material and Workmanship: 8 year manufacturing defect, 5 year free replacement

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