



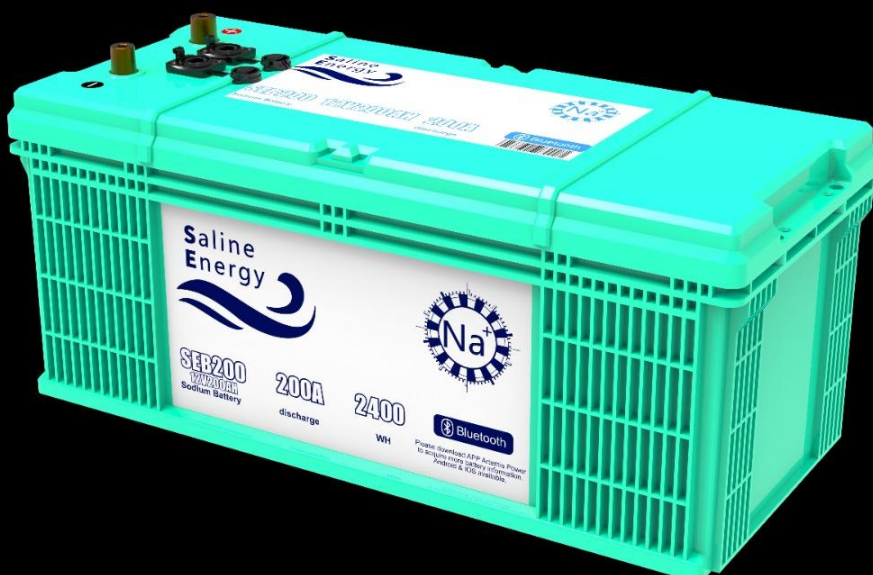
Saline Energy is a forward looking power supply company focused on the worldwide RV, Marine and Home battery solutions. Sustainable, eco-friendly power is the focus of Saline Energy, bring Sodium Ion Batteries to the forefront in today's evolving power supply market for recreational vehicles, boats and homes.

Why Sodium Ion Batteries?

- Sodium is the 6th most abundant compound on earth.
- Sodium Ion Batteries do not use expensive and ethically concerning metals like cobalt and nickel.
- Long life span. Sodium Ion Batteries are designed to last 20% longer than lithium batteries.
- Sodium Ion Batteries perform better in low temperatures, still charging and discharging up to -20°C (-4°F) and high temperatures up to 60°C (104°F).
- Sodium Ion Batteries are thermally more stable and not prone to thermal runaway.
- High cycle life is standard with Sodium Ion Batteries, give long life.
- Sodium Ion Batteries are easily recycled.
- Battery Management System (BMS) built in with Bluetooth.

While sodium and lithium batteries share a similar operating principle, they have significant differences in terms of safety and environmental impact. Sodium Ion Batteries, being safer and not prone to thermal runaway, are emerging as a viable alternative to traditional AGM and Lithium storage batteries.

Saline Energy have developed the full Eco-System around the Sodium Ion Batteries available to the worlds market, with Solar Controllers, Battery Chargers, DC-DC Chargers, Inverters and Inverter Chargers all designed to work at the high charge rate of the Sodium Ion Batteries.



Saline Energy Battery Specifications:

Battery Model	SP100	SP200
Battery Type	Sodium Ion	Sodium Ion
Nominal Capacity	100 Amp Hours	200 Amp Hours
Energy @25°C	1280Wh	2560Wh
Charge Voltage	15.8V	15.8V
Max Charge Current	100A @ 25°C	100A @ 25°C
Max Discharge Current	200A @ 25°C	200A @ 25°C
Cycle Life @ 25°C @.2C @ 100% DOD	3000 cycles	3000 cycles
Cycle Life @ 25°C @.2C @ 80% DOD	4000 Cycles	4000 Cycles
Max DOD	100Ah	200Ah
Dimensions	330 x 172 x 222mm	520 x 269 x 222mm
Weight	12.5kg	25kg
Operating Temp range	-20° to 60°	-20° to 60°
Built In BMS	Yes	Yes
Bluetooth	Yes	Yes
Protection	Over Temp, Over Current, Short Circuit, over charge/discharge	Over Temp, Over Current, Short Circuit, over charge/discharge
Series Connection	Max 4 Batteries	Max 4 Batteries
Parallel Connection	Max 4 Batteries	Max 4 Batteries
Terminal Connection	M8 Bolt	M8 Bolt

