



Unlimited battery parallel
unlock infinity!

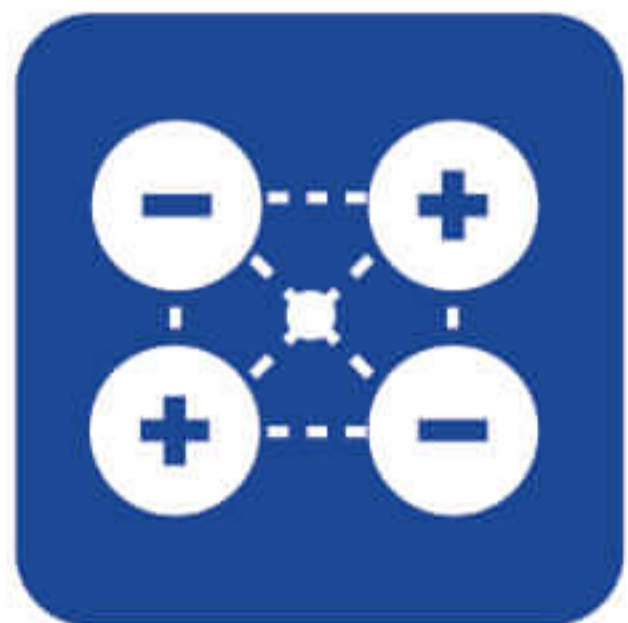
LINC INFI

12V100AH LIFEPO4 BATTERY



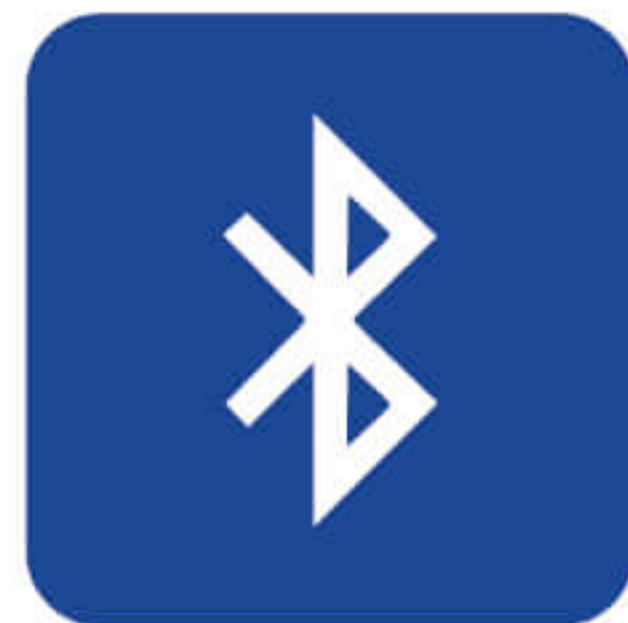
PowerRoad LINC INFI, the newly designed 12V100Ah LiFePO4 Battery, can provide unsurpassed performance with unlimited batteries in parallel and up to 4 batteries in series. The battery is backed by the best quality standards, and has high output current which is perfect for RVs, marines, solar systems, low speed electric vehicles and more.

HIGHLIGHTS



Unlimited Parallel under 4 in Series

12V to 48V flexible battery system of infinite capacity can be assembled for powering various applications.



Bluetooth + APP

Easily monitor SOC, SOH and more via APP.



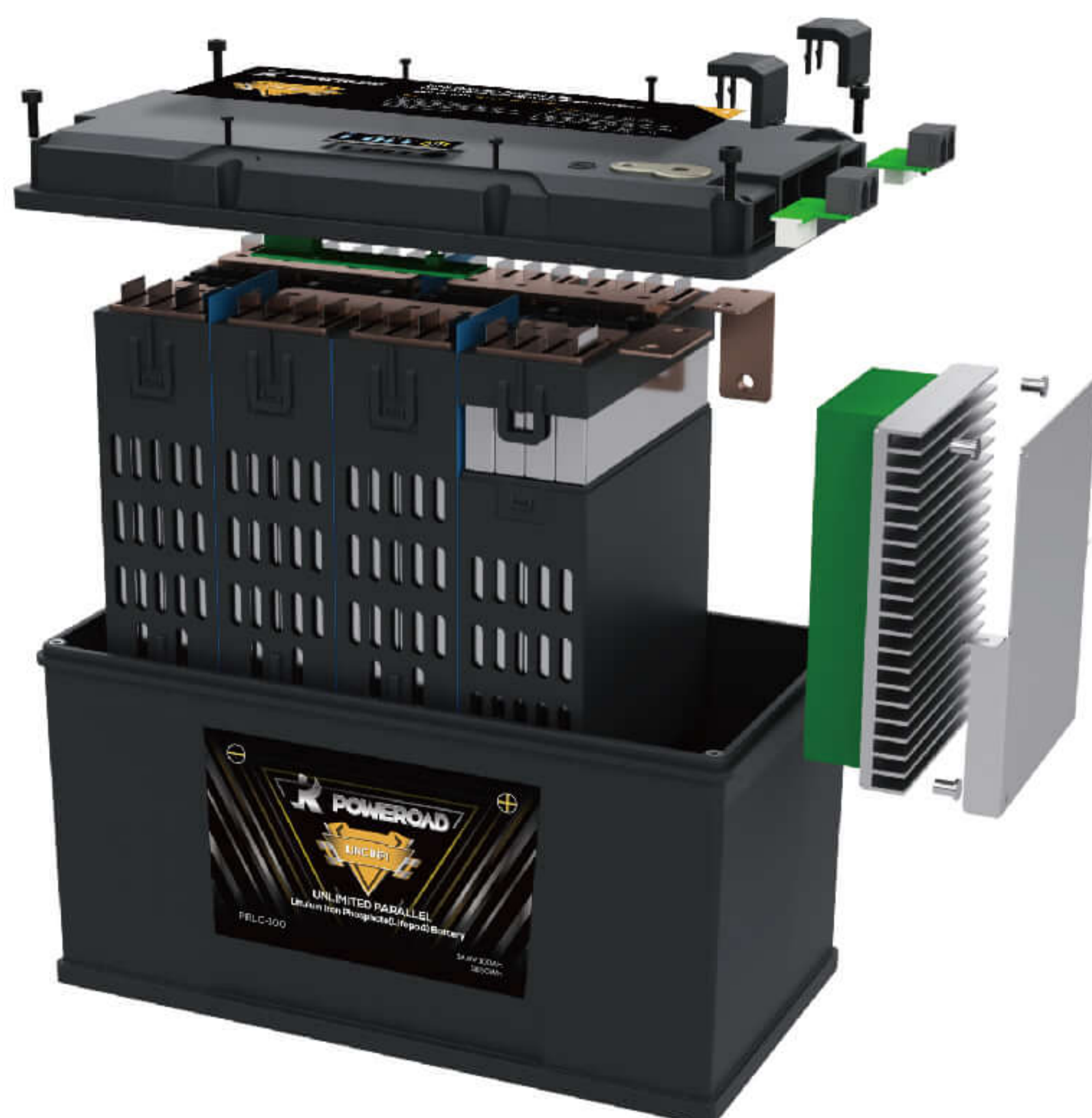
High Output Current

High output current to drive bigger power devices.



Repairable Design

Cost saving with detachable upper cover and replaceable BMS.



Self-developed BMS

Extend battery life and ensure the battery safety.



Unique Appearance

Own mold with eye-catching exterior. Thicker and stronger materials for durability.



Dual Terminal Design

Easier installation. Better heat dissipation for safety. Contact resistance reduced.



Sleep Mode

Reduce energy consumption and prolong the storage time when the battery is idle.



Waterproof - IP54

Battery remains unaffected by water under specified conditions.



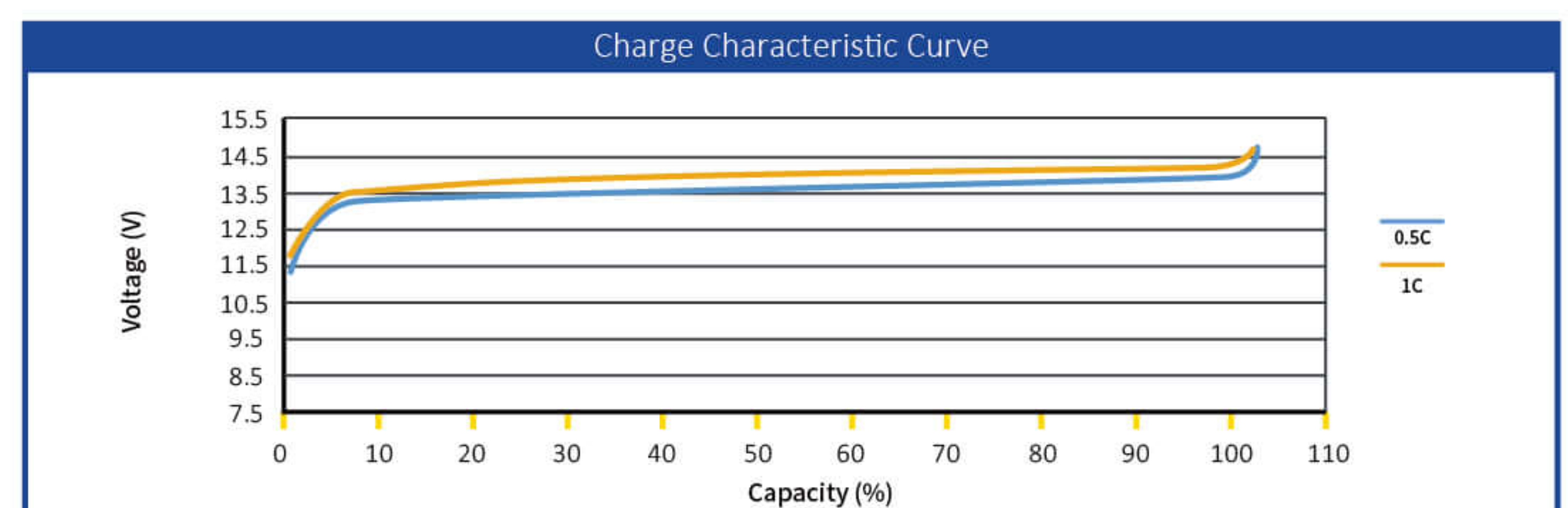
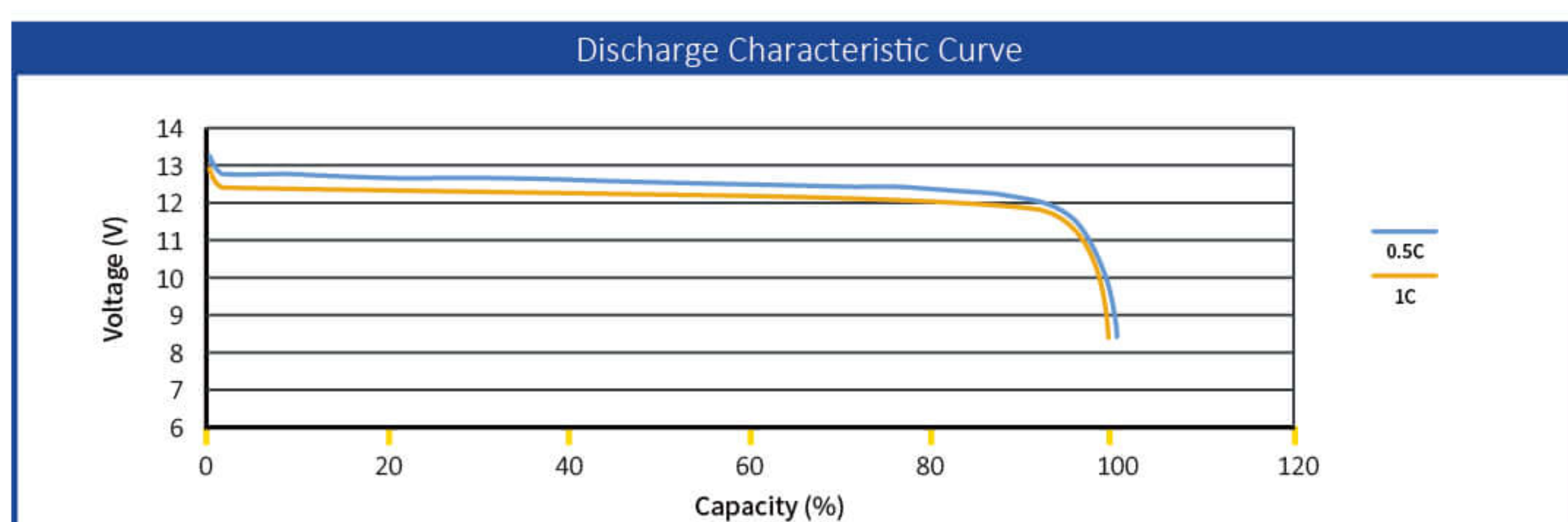
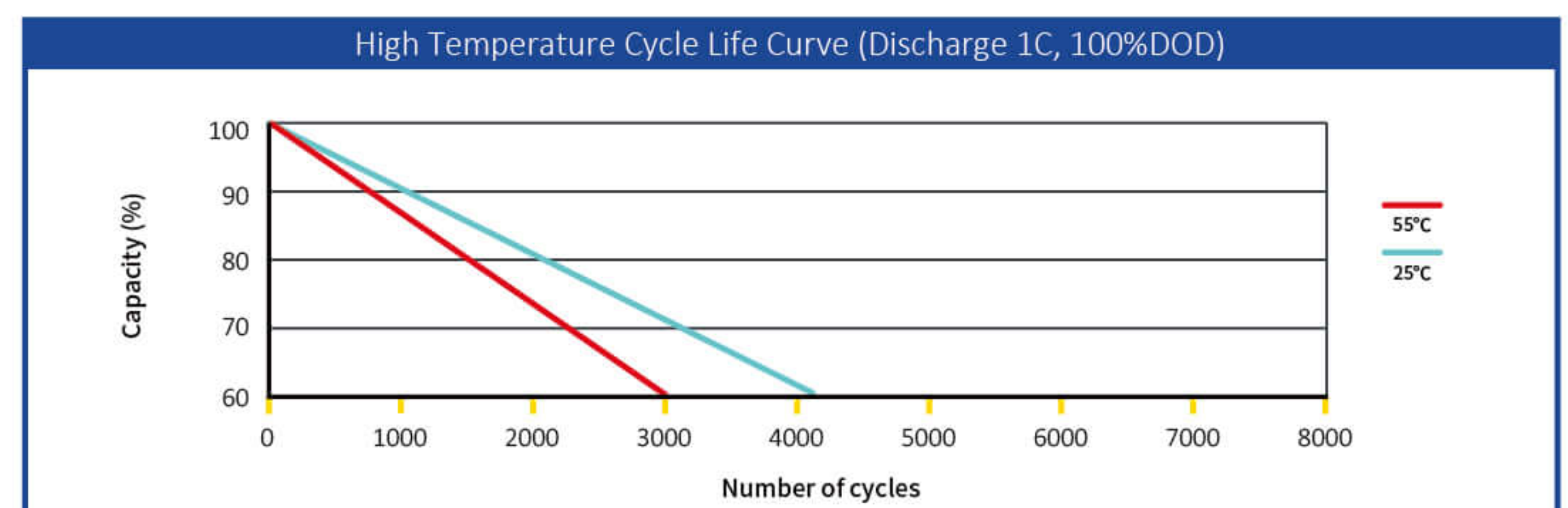
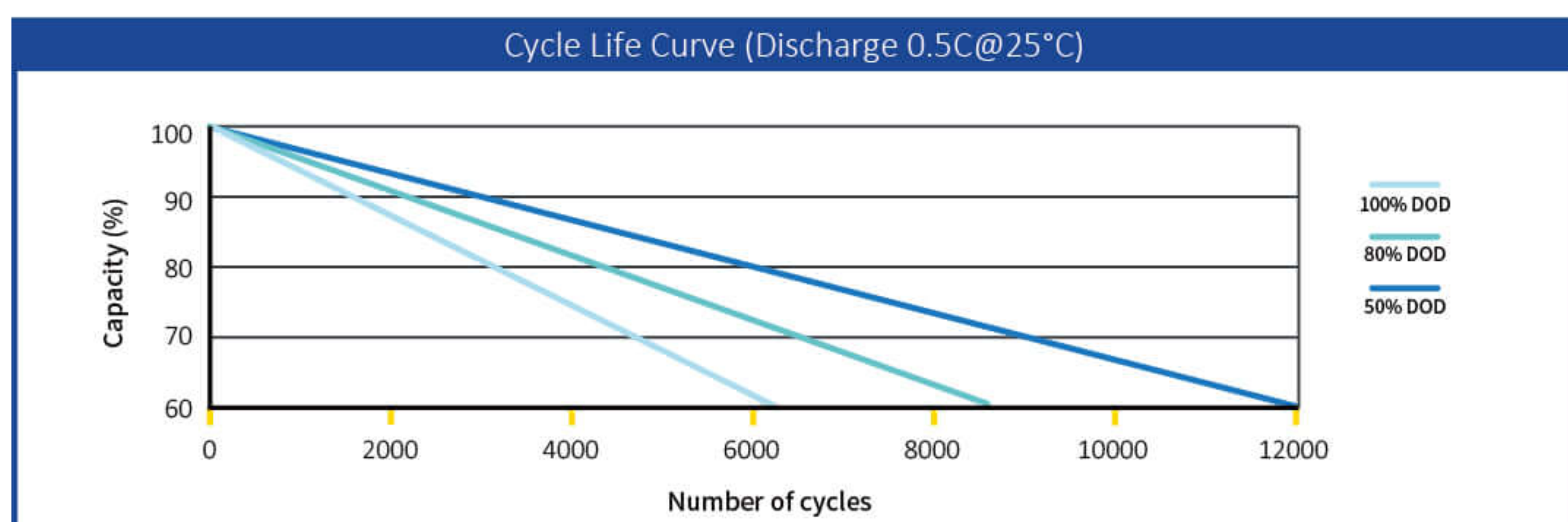
Compact Size

Direct drop-in replacement for lead acid battery. Easy to install even in limited space.



SPECIFICATIONS

Electrical	Nominal Voltage	12.8V
	Nominal Capacity	100Ah
	Rated Energy	1280Wh
	Internal Resistance	≤10mΩ
	Cycle Life	>3000 (0.5C@100%DOD)
Charge	Charge Voltage	14.4V
	Charge Mode	CC/CV(Constant Current, Constant Voltage)
	Standard Charge Current	20A
	Max. Continuous Charge Current	100A
	Charge Temperature Range	0°C ~ +45°C
Discharge	Discharge Cut-off Voltage	10V
	Standard Discharge Current	20A
	Max. Continuous Discharge Current	150A
	Peak Discharge Current	350A (< 5S)
	Discharge Temperature Range	-20°C ~ +55°C
Mechanical	Dimensions (L×W×H)	330mm×175mm×195mm
	Weight	14kg±0.5kg
	Terminal	M8 Threaded Insert
	IP Rating	IP54
	Replacement	BCI Group 31, DIN Group L5, NP100-12



APPLICATIONS



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