



MODEL: IC-12V9-S8

Ionic Lithium Starter Battery 12V 9Ah (24Ah eqv)

ELECTRICAL SPECIFICATIONS

Nominal Voltage	12.8 V
Nominal Capacity	9 Ah (27Ah)
Energy	115 Wh
Resistance	≤50 mΩ @50% SOC
Efficiency	99%
Self Discharge	<3% per Month
Maximum Modules in Series	4

DISCHARGE SPECIFICATIONS

Maximum Continuous Discharge Current	50 A
Cranking Amps	720A (3s)
Cold Cranking Amps	400A (3s)
Recommended Low Voltage Cut-Off	11 V
BMS Discharge Voltage Cut-Off	8 V
Reconnect Voltage	9.2 V
Short Circuit Protection	200-600 μs

TEMPERATURE SPECIFICATIONS

Discharge Temperature	-4 to 140°F (-20 to 60°)
Charge Temperature	-4 to 113°F (-20 to 45°C)
Storage Temperature	23 to 95°F (-5 to 35°C)
BMS High Temperature Cut-Off	149°F (65°C)
Reconnect Temperature	122°F (50°C)

MECHANICAL SPECIFICATIONS

Dimensions (Lx W x H)	7.7 x 5.1 x 6.1"
	196 x 130 x 155 mm
Weight	4.4 lbs (2kg)
Terminal Type	M6
Terminal Torque	80 - 100 in-lbs (9 - 11 N-m)
Case Material	ABS
Enclosure Protection	IP56
Cell Type - Chemistry	Prismatic- LiFePO ₄

CHARGE SPECIFICATIONS

Recommended Charge Current	25 A
Maximum Charge Current	50 A
Recommended Charge Voltage	14.2 V - 14.6 V
BMS Charge Voltage Cut-Off	15.2 V
Reconnect Voltage	14.4 V

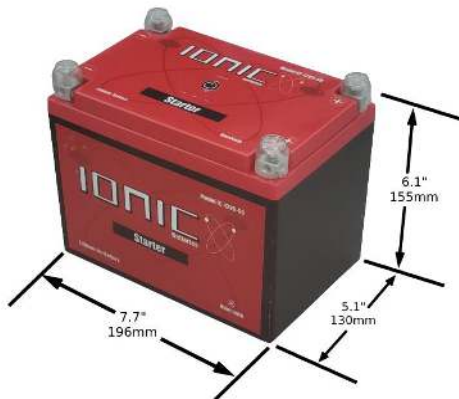
COMPLIANCE SPECIFICATIONS

Certifications	CE (battery) UN38.3 (battery) UL1642 & IEC62133 (cells)
BCI Group Size	U1

FEATURE

BlueTooth APP

Built in Emergency Start function that can be activated either by long pressing the start button or with the "IonicRedBattery" APP



Monitor your battery's vitals straight from your smartphone.

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