

MODEL: IC-16V52-EP4S

Lithium Ion Deep Cycle Battery

ELECTRICAL SPECIFICATIONS

Nominal Voltage	16V
Nominal Capacity	52Ah
Capacity @ 25A	52Ah
Energy	832Wh
Resistance	< 30mΩ
Efficiency	99%
Self Discharge	≤3%/month
Maximum Modules in Series	4S

DISCHARGE SPECIFICATIONS

Maximum Continuous Discharge Current	52A
Peak Discharge Current	50A/3s
BMS Discharge Current Cut-Off	52A
Recommended Low Voltage Cut-Off	11V
BMS Discharge Voltage Cut-Off	10.6~11V
Reconnect Voltage	16V
Short Circuit Protection	660A/500uS

TEMPERATURE SPECIFICATIONS

Discharge Temperature	-20 ~ 60°C
Charge Temperature	0~45°C
Storage Temperature	0°C<T<30°C
BMS High Temperature Cut-Off	60°C
Reconnect Temperature	45°C

MECHANICAL SPECIFICATIONS

Dimensions (Lx W x H)	352*162*103(±3mm)
Weight	7.6±0.5kg
Terminal Type	M6
Terminal Torque	6N*m
Case Material	ABS+PC
Enclosure Protection	IP67
Cell Type - Chemistry	LPF

CHARGE SPECIFICATIONS

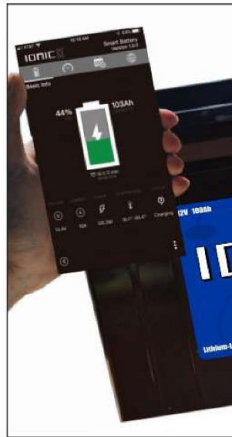
Recommended Charge Current	25A
Maximum Charge Current	50A
Recommended Charge Voltage	18.25V
BMS Charge Voltage Cut-Off	19V
Reconnect Voltage	18V

COMPLIANCE SPECIFICATIONS

Certifications	CE, UN38.8
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FEATURES

Bluetooth APP



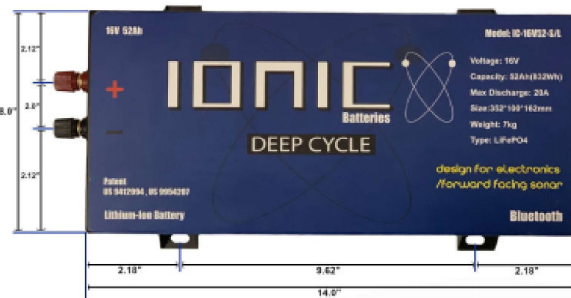
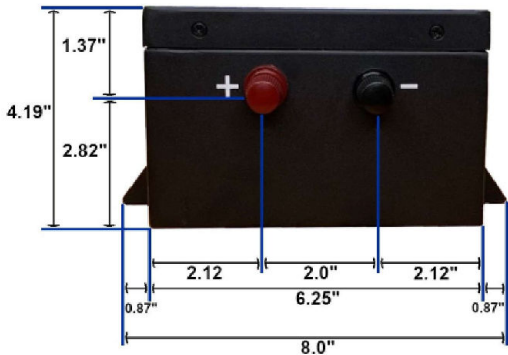
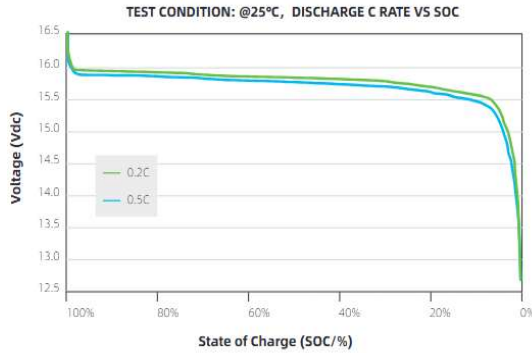
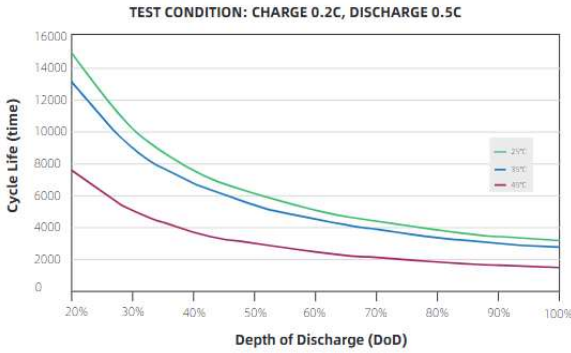
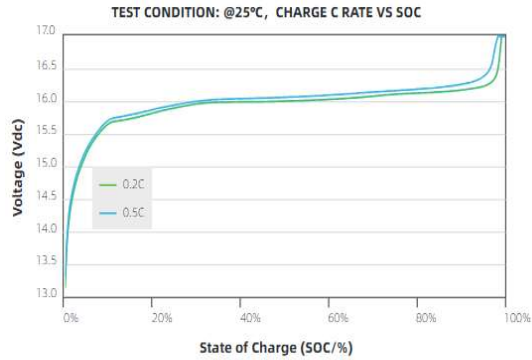
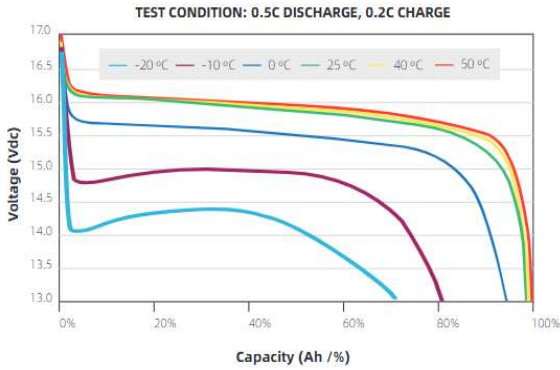
Monitor your battery's vitals straight from your smartphone.

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