



51.2V 100Ah



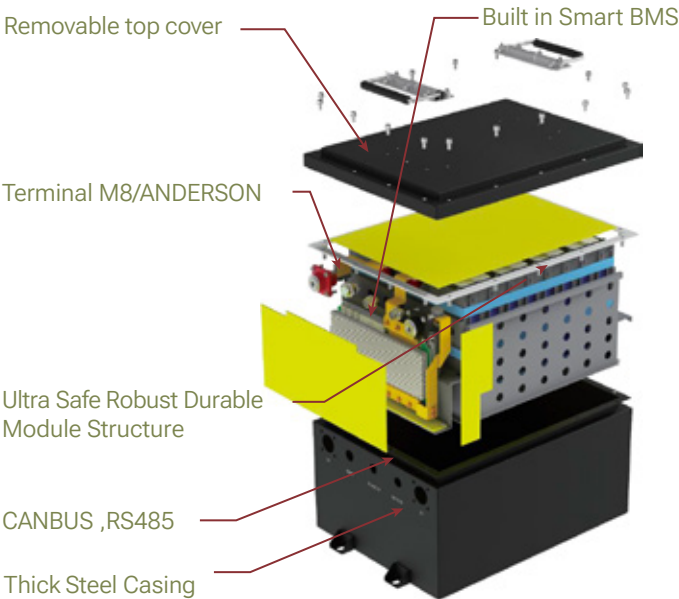
FEATURES

- 300A high power BMS
- Connected in parallel without limitation
- Remote diagnostics and upgradation
- Pre-heating system optional

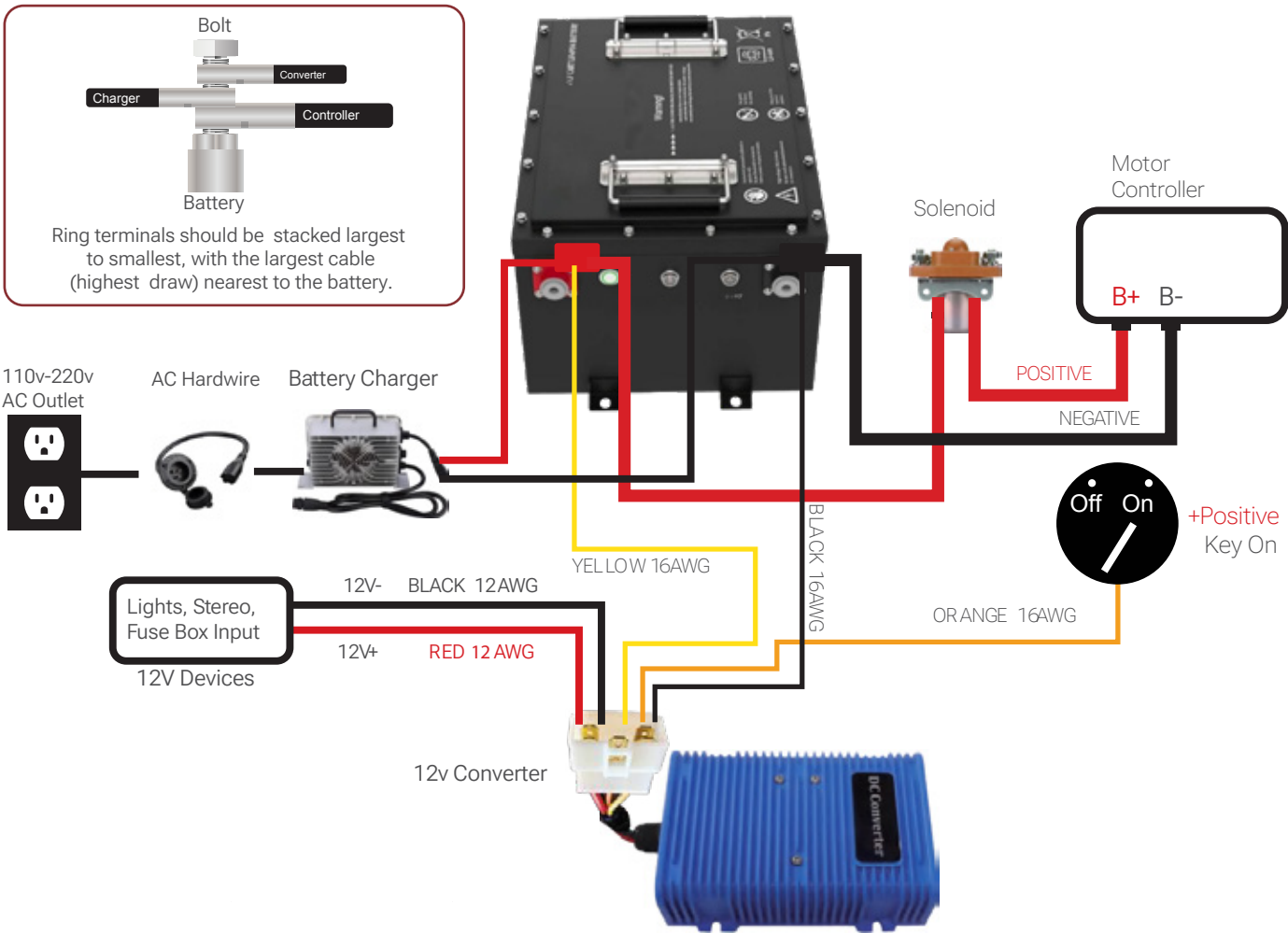


Bluetooth-APP

- Temperature Monitor
- Different Voltage Monitor
- Cycle Monitor
- Current Monitor
- Voltage Monitor
- SOC Monitor
- Cell Voltage Monitor



INSTALL GUIDE



LIFEPO4

DATA SHEET

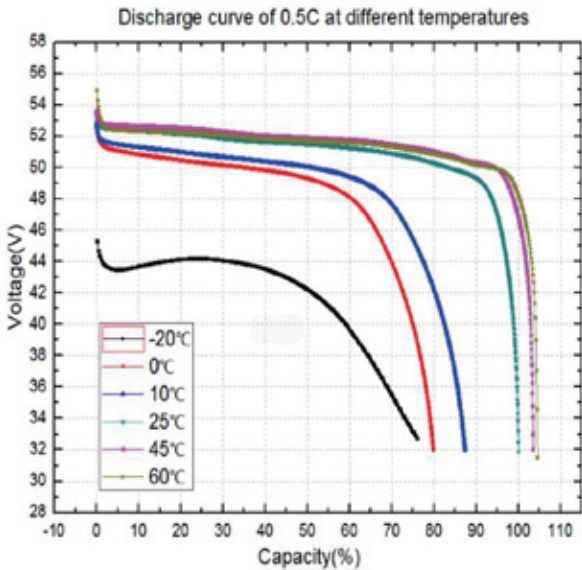
THE ELECTRIC ADVANTAGE	
Nominal Voltage	51.2V
Working Capacity	43.2V-58.4V
Efficiency	99%
Bluetooth Enabled	Yes
Nominal Capacity	100Ah
Reserve Minutes @ 25A	252 Minutes
Self Discharge	1-3% Per month

CHARGE SPECIFICATIONS	
Recommended Charge Current	<50A
Maximum Charging Current	100A
Recommended Charge Voltage	58.4V
BMS High Voltage Cut-Off	58.4V
Reconnect Voltage	55.2V
Charger Temp.Range	-10~65C

CENTIFICATIONS	
Certifications	IEC & CE
	UN38.3
	MSDS
	UL1642&UL2580 Cell

SHIPPING	
Package	1PCS/Wooden Case
Shipping Classification	UN 3480, CLASS 9

DISCHARGE CURVE



MECHANICAL SPECIFICATIONS	
Dimensions (L x W x H)	558 x 364 x 190mm
Colour	Black/Paton color optional
Terminal Type	M8
Case Material	Steel
IP Rate	IP66
Weight	48kg
Cell Type-Chemistry	Prismatic LiFePO4

DISCHARGE SPECIFICATIONS	
Continuous Discharge Current	150/250/300 Optional
Peak Discharge Current	300/500/600 Optional
Low Voltage Disconnect	42.4V
BMS Discharge Voltage Cut-Off	42.4V
Reconnect Voltage	45.6V
Short Circuit Protection	60-2000us

SAFETY	
Charging Freeze Protection	Yes, -10C
Pack Over-Voltage	Yes
Cell Balancing	Yes
Pack Under-Voltage	Yes
Cell Under-Voltage	Yes
Cell Over-Temp	Yes
BMS Over-Temp	Yes
Short Circuit/Over Current	Yes

DIMENSIONAL SPECIFICATIONS

