



51.2V 105Ah



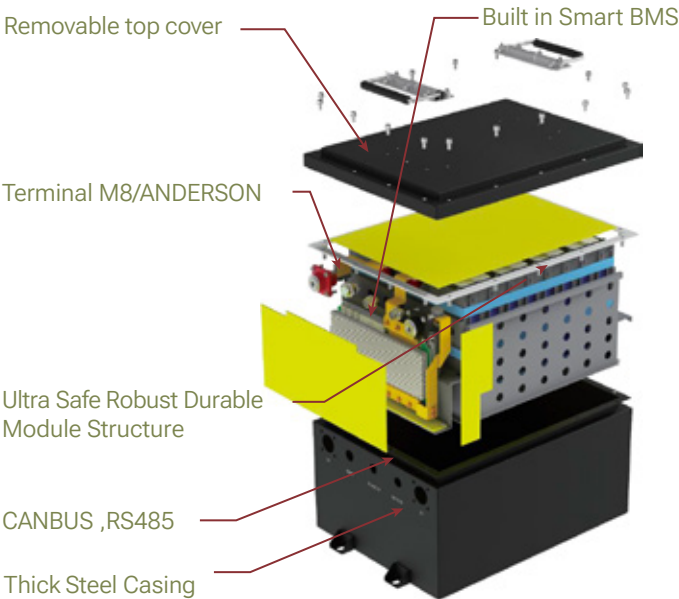
FEATURES

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

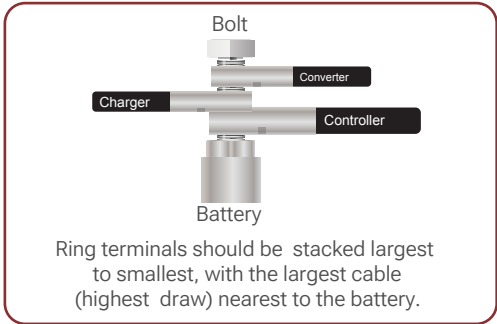


Bluetooth-APP

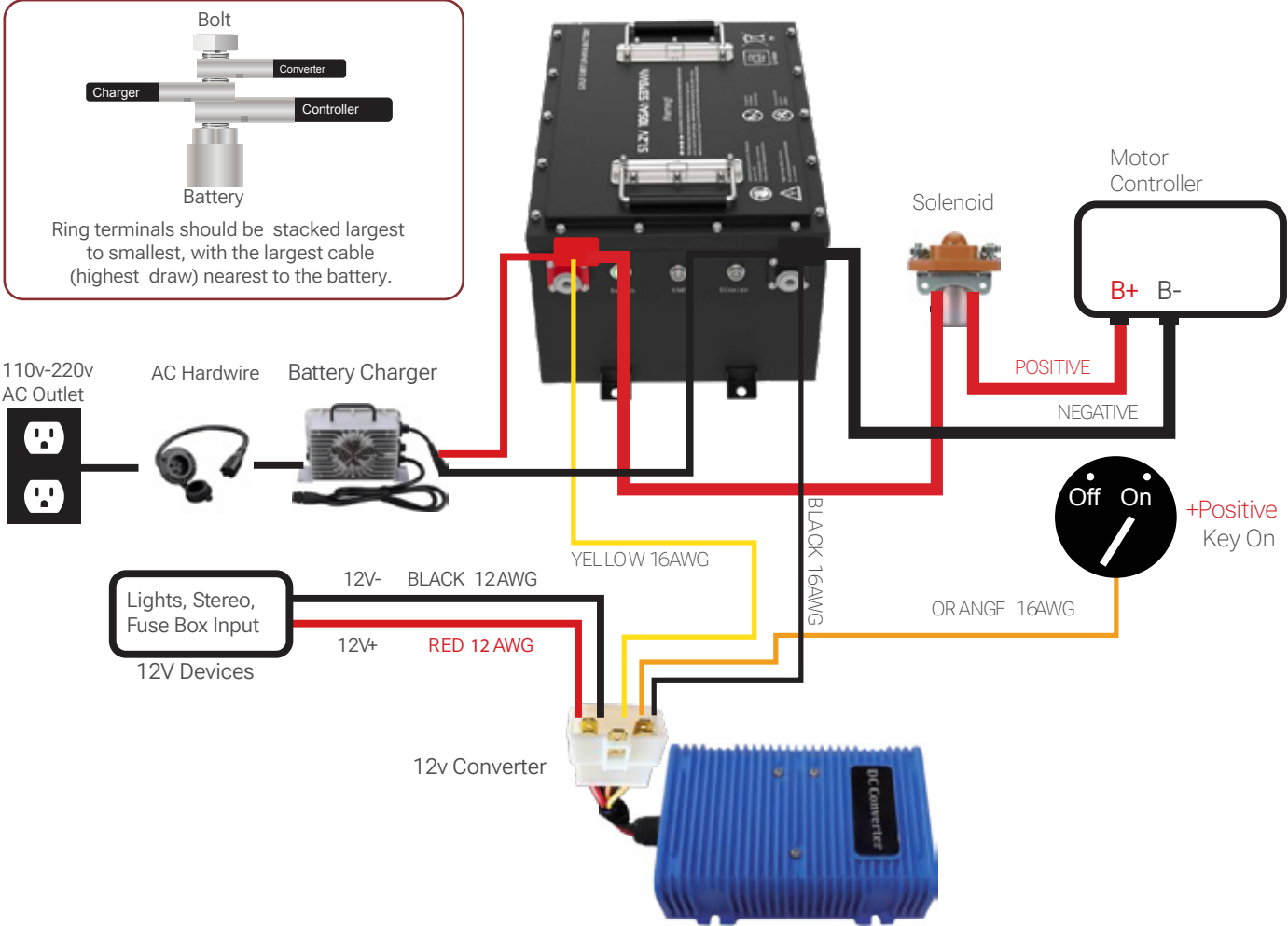
- Temperature Monitor
- Different Voltage Monitor
- Cycle Monitor
- Current Monitor
- Voltage Monitor
- SOC Monitor
- Cell Voltage Monitor



INSTALL GUIDE



Ring terminals should be stacked largest to smallest, with the largest cable (highest draw) nearest to the battery.



LIFEPO4

DATA SHEET

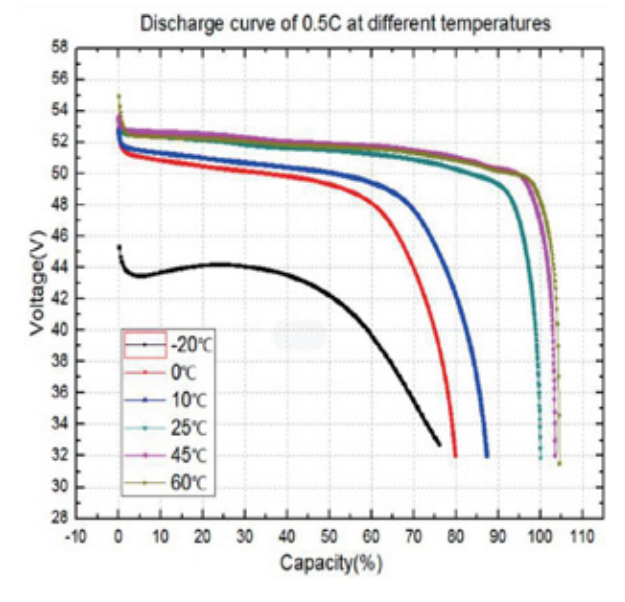
THE ELECTRIC ADVANTAGE	
Nominal Voltage	51.2V
Working Capacity	43.2V-58.4V
Efficiency	99%
Bluetooth Enabled	Yes
Nominal Capacity	105Ah
Reserve Minutes @ 25A	252 Minutes
Self Discharge	1-3% Per month

CHARGE SPECIFICATIONS	
Recommended Charge Current	<52A
Maximum Charging Current	105A
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	1 PCS/Wooden Case
Shipping Classification	UN 3480, CLASS 9

DISCHARGE CURVE



MECHANICAL SPECIFICATIONS	
Dimensions (L x W x H)	(472x 312x243mm)
Weight	45KG
Terminal Type	M8
Case Material	Steel
IP Rate	IP6 7
Weight	45kg/99lb
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

L*W*H – 416*306*275mm Weight 48kg

