



BE10538M
Voltage: 38.4V
Capacity: 105Ah



DATA SHEET

MECHANICAL SPECIFICATIONS

Dimensions (L x W x H)	11.14''x 10.58''x10.67''
Weight	77.27 lbs(35.05kg)
Terminal Type	M8*1.5*25mm
Cell Configuration	1P16S
Case Material	Powder Coated Steel
Enclosure Protection	Designed with IP66 Standard
Cell Type - Chemistry	Prismatic- LiFePO4

ELECTRICAL SPECIFICATION

Nominal Voltage	38.4V
Working Voltage	32.4-43.8V
Recommended Voltage	36V-42.6V
Nominal Capacity	105 Ah
Energy	4.032KWh
Capacity @ 25A	252 Min.
Efficiency	0.99
Self Discharge	<3% per Month

DISCHARGE SPECIFICATIONS

Maximum Continuous Discharge Current	250 A
Peak Discharge Current	520A ± 15.6A (30S)
BMS Discharge Current Cut-Off	260 A ±A7.8A (50S) 520A ± 15.6A (30S)
BMS Discharge Voltage Cut-Off	30.0V
Recommended Low Voltage Disconnect	36.0V
BMS Reconnect Voltage	31.2V
Discharge Temperature	-4 to 149 °F (-20 to 65 °C)

CHARGE SPECIFICATIONS

Recommended Charge Current	5 - 52A
Maximum Input Current	350A
Charge Current Cut-off	375A
BMS Charge Voltage Cut-Off	43.8V
Reconnect Voltage	<43.8V
Charging Temp . Range	34F to 140F (0-60 °C)



COMMUNICATION

Bluetooth	Bluetooth receiver
CAN	CAN port for testing battery

LARGO,FLORIDA
WWW.BOLTENERGYUSA.COM

