



FLEETLITHIUM



MODEL	MODEL	MODEL
FL-51105	51.2V	105Ah

MACHANICAL SPECIFICATIONS

Dimension	14.3x12.24x10.94
Weight	103 LBS
Terminal Type	M8-3547E-200A
Cell Configuration	16S1P
Case Material	Cold rolled steel plate
Enclosure Protection	IP62, IP67 is alternative
Cell Type-Chemistry	Prismatic-LiFePO4
Cell Type-Brand	EVE Grade A Cells

DISCHARGE SPECIFICATIONS

Maximum Continuous Discharge Current	250A
Peak Discharge Current	600A (10S)
BMS Discharge Current Cut-Off	700A (1S)
BMS Discharge Voltage Cut-Off	43.2V
Recommended Low Voltage	49.0V
BMS Reconnect Voltage	46.4V
Discharge Temperature	-4 to 131°F (~20 to 55°C)

ELECTRICAL SPECIFICATION

Nominal Voltage	51.2V
Working Voltage	43.2V - 58.4V
Recommended Voltage	49.0V - 57.0V
Nominal Capacity	105Ah
Energy	5376Wh
Capacity @ 25 Amps	252min
Efficiency	0.99
Self Discharge	<3% per month

CHARGE SPECIFICATIONS

Recommet Charge Current	Below 52A
Maximum Input Current	105A
Charge Current Cut-Off	200A
BMS Charge Voltage Cut-Off	58.4V
Reconnect Voltage	56V
Charging Temp.Range	32 to 131°F (0 to 55°C)

COMMUNICATION PORT SPECIFICATIONS

UART	GPS - Bluetooth Module
CAN	State of Charge LED meter