



FLEETLITHIUM



MODEL	MODEL	MODEL
FL-51160	51.2V	160Ah

MACHANICAL SPECIFICATIONS

Dimension	20.12x14.17x9.23
Weight	136 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

ELECTRICAL SPECIFICATION

Nominal Voltage	51.2V
Working Voltage	43.2V - 58.4V
Recommended Voltage	49.0V - 57.0V
Nominal Capacity	160Ah
Energy	8192Wh
Capacity @ 25 Amps	384min
Efficiency	0.99
Self Discharge	<3% per month

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)

CHARGE SPECIFICATIONS

Recommment Charge Current	Below 80A
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