

ELECTRICAL PERFORMANCE

Nominal Voltage	12.8 V
Nominal Capacity	120 Ah
Capacity @ 15.6A	300 min
Energy	1536 Wh
Resistance	≤30 mΩ @ 50% SOC
Self Discharge	<3% / Month
Cells	Cell 3.2V6Ah

CHARGE PERFORMANCE

Recommended Charge Current	30 A
Max Charge Current	60 A
Recommended Charge Voltage	14.6 V
Charge Cut-Off Voltage	<15.2 V (0.5 - 1.5 s)
Reconnect Voltage	>14.4 V
Balancing Voltage	<14 V
Maximum Batteries in Series	4
Maximum Batteries in Parallel	4

DISCHARGE PERFORMANCE

Continuous Discharge Current	50 A
Maximum continuous Discharge Current	100 A
Peak Discharge Cut-Off Current	300 A (3 s)
Recommended Low Voltage Disconnect	10 V
Discharge Cut-Off Voltage	9.6 V (50 - 150 ms)
Reconnect Voltage	11 V
Short Circuit Protection	200 - 600 μs

COMPLIANCE

Certifications	CE UN38.3 UL1642 & IEC62133
Shipping Classification	UN 3480, CLASS 9



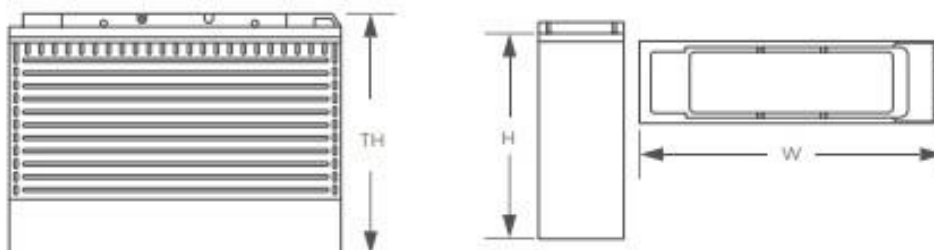
MECHANICAL PERFORMANCE

Dimension (L x W x H)	395 x 110 x 286 mm
Approx. Weight	13.5 kg
Terminal Type	M8
Terminal Torque	80 - 100 in-lbs (9 - 11 N-m)
Bluetooth Test Window	Yes
Case Material	ABS
Enclosure Protection	IP54

TEMPERATURE PERFORMANCE

Discharge Temperature	-4 - 140 °F (-20 - 60 °C)
Charge Temperature	32 - 113 °F (0 - 45 °C)
Storage Temperature	23 - 95 °F (-5 - 35 °C)
High Temperature Cut-Off	149 °F (65 °C)
Reconnect Temperature	118 °F (48 °C)

OUTLINE DIMENSION



L mm(“)	W mm(“)	H mm(“)	HT mm(“)
395 (15.55)	110 (4.33)	265 (10.43)	

PERFORMANCE CHARACTERISTICS

