

TECHNICAL SHEET

12V 50AH BATTERY



ELECTRICAL SPECIFICATIONS

Voltage 12.8 volt

Capacity 50 Ah

Capacity @ 20A 150 min

Energy 640 Wh

Auto-discharge <3% per month

Maximum unit in series 2

Maximum unit in parallel 4

TEMPERATURE SPECIFICATIONS

Discharge temperature From -30 to 60°C

Charging temperature From 0 to 45°C

STORAGE SPECIFICATIONS

Storage temperature From -20 to 45°C

Storage voltage From 13.1V to 13.3V

CHARGE SPECIFICATIONS

Recommended Charge Current 5 A - 15 A

Maximum Charge Current 60 A

Recommended Charge Voltage 14.2 V - 14.6 V (Bulk)
13.6 V (Float)

COMMUNICATIONS SPECIFICATIONS

Bluetooth No

Communication ports No

LCD screen No

Volthium CAN Hub
Communication (VE.CAN) No

DISCHARGE SPECIFICATIONS

Continuous discharge current 60 A

BMS - Discharge disconnect voltage 10 V

BMS - Discharge reconnection voltage 12 V

Short circuit protection Yes

NUMBER OF CYCLES ACCORDING TO THE AVERAGE DISCHARGE % OF USE

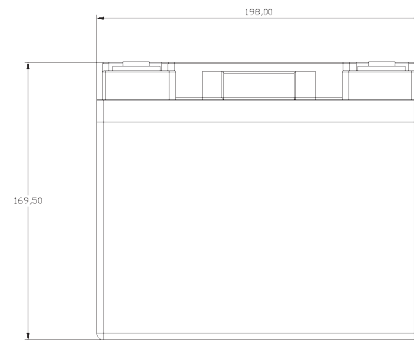
30% discharge 8200 < cycles

80% discharge 6000 < cycles

100% discharge 3500 < cycles

MECHANICAL SPECIFICATIONS

Dimensions	198 X 166 X 169,5 mm 7.8 X 6.54 X 6.7 po
Group / format	GR21
Weight	6.75kg / 14 lbs
Terminal Type	M8
Tightening torque on terminals	N/A



CERTIFICATIONS & DESIGN

Design	4S13P
Certifications	UL CE RoHs
Shipping Classification	UN 3480 CLASS 9
Cell type	LF26700-4000/4Ah - LiFePO4

