

TECHNICAL SHEET

12V 24AH BATTERY



ELECTRICAL SPECIFICATIONS

Voltage	12.8 volt
Capacity	24 Ah
Capacity @ 20A	65 min
Energy	308 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	1 A - 20 A
Maximum Charge Current	20 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

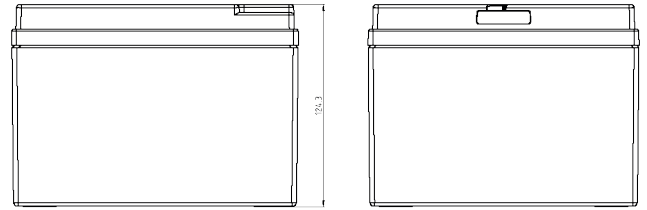
Continuous discharge current	20 A
BMS - Discharge disconnect voltage	10 V
BMS - Discharge reconnection voltage	11.5 V
Short circuit protection	Yes

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	167 X 124,3 X 177 mm 6.6 X 4.9 X 6.9 po
Group / format	N/A
Weight	3.6kg / 8 lbs
Terminal Type	M6
Tightening torque on terminals	8 nm / 6 ft/lb



CERTIFICATIONS & DESIGN

Design	4S1P
Certifications	Cellules: UL1642
Shipping Classification	UN 3480 CLASS 9
Cell type	Cylindrical - LiFePO4 - 25 AH 3.2V Grade A+

