

TECHNICAL SHEET

12V 14AH BATTERY



ELECTRICAL SPECIFICATIONS

Voltage	12.8 volt
Capacity	14 Ah
Capacity @ 20A	65 min
Energy	180 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 - 3 A
Maximum Charge Current	10 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

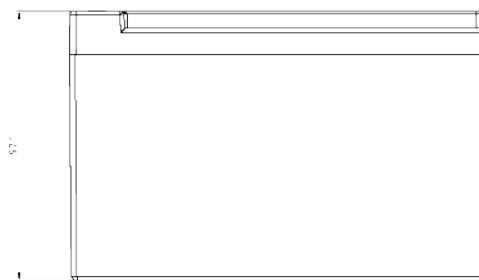
Continuous discharge current	3 A
BMS - Discharge disconnect voltage	10 V
BMS - Discharge reconnection voltage	10.8 V
Short circuit protection	Yes

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	151 X 98 X 97,1 mm 5.95 X 3.86 X 3.81 po
Group / format	N/A
Weight	1.4kg / 3 lbs
Terminal Type	tabs
Tightening torque on terminals	N/A



CERTIFICATIONS & DESIGN

Design	N/A
Certifications	Cellules: UL1642
Shipping Classification	UN 3480 CLASS 9
Cell type	Cylindric - LiFePO4 - 15 AH 3.2V - Grade A+

