

TECHNICAL SHEET

12V 14AH BATTERY



CHARGE SPECIFICATIONS

Recommended Charge Current	1 A - 3 A (14.6 V - 3 A)
Maximum Charge Current	10 A
Recommended Charge Voltage	14.2 V - 14.6 V (Bulk) 13.6 V (Float)
High Voltage Disconnect	15.6 V
High Voltage Reconnect	14.4 V

TEMPERATURE SPECIFICATIONS

Discharge Temperature	-20 to 60 °C
Charge Temperature	0 to 45 °C
High Disconnect Temperature	60 °C
High Reconnect Temperature	55 °C
Storage Temperature	-10 to 50 °C

COMMUNICATIONS SPECIFICATIONS

Bluetooth	No
Communication ports	No
LCD screen with battery voltage displayed	No
Volthium CAN Hub Communication (VE.CAN)	No
Volthium Bluetooth Dongle	No

ELECTRICAL SPECIFICATIONS

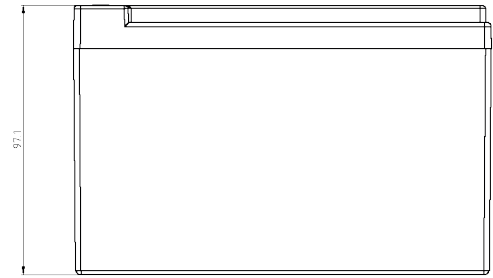
Voltage	12.8 volt
Capacity	14 Ah
Capacity @ 20A	65 min
Energy	180 Wh
Auto-discharge	<3% per month
Maximum unit in series	2
Maximum unit in parallel	4

DISCHARGE SPECIFICATIONS

Continuous discharge current	3 A
Peak discharge current	10 A
BMS - Disconnect charge current	30 A
BMS - Low voltage reconnect	10 V
Low voltage reconnect	10.8 V
Short circuit protection	Yes
Soft-Start Resistor (Avoid inrush)	No

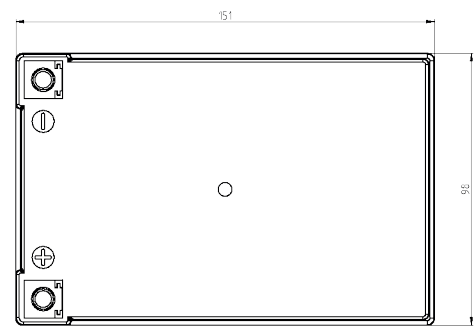
NUMBER OF CYCLES ACCORDING TO THE DISCHARGE %

Discharge 30%	8200 < cycles
Discharge 80%	6000 < cycles
Discharge 100%	3000 < cycles



MECHANICAL SPECIFICATIONS

Dimensions (LxWxH)	151 X 98 X 97 mm 5.95 X 3.86 X 3.81 po
Weight	1.8kg / 4 lbs
Terminal Type	tabs
Ingress Protection Marking	IP55



CERTIFICATIONS & CONCEPTION

Certifications	CELLS: UL1642
Shipping Classification	UN 3480 CLASS 9
Cell Type	Cylindrical - LiFePO4 - 15 AH - 3.2V Grade A+
Conception	4S1P

