

TECHNICAL SHEET

12V 50AH BATTERY



ELECTRICAL SPECIFICATIONS

Voltage	12.8 volt
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Capacity	50 Ah
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Capacity @ 20A	150 min
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Energy	640 Wh
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Auto-discharge	<3% per month
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Maximum unit in series	2
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Maximum unit in parallel	4
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TEMPERATURE SPECIFICATIONS

Discharge temperature	From -30 to 60°C
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Charging temperature	From 0 to 45°C
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STORAGE SPECIFICATIONS

Storage temperature	From -20 to 45°C
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Storage voltage	From 13.1V to 13.3V
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CHARGE SPECIFICATIONS

Recommended Charge Current	5 A - 15 A
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Maximum Charge Current	60 A
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Recommended Charge Voltage	14.2 V - 14.6 V (Bulk) 13.6 V (Float)
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COMMUNICATIONS SPECIFICATIONS

Bluetooth	No
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Communication ports	No
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LCD screen	No
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Volthium CAN Hub Communication (VE.CAN)	No
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DISCHARGE SPECIFICATIONS

Continuous discharge current	60 A
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BMS - Discharge disconnect voltage	10 V
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BMS - Discharge reconnection voltage	12 V
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Short circuit protection	Yes
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NUMBER OF CYCLES ACCORDING TO THE AVERAGE DISCHARGE % OF USE

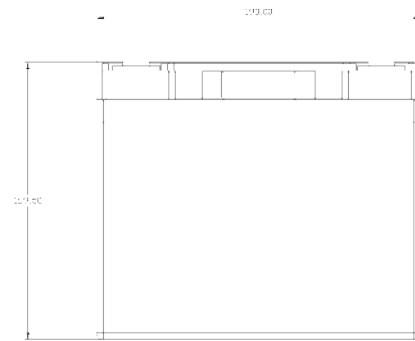
30% discharge	8200 < cycles
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80% discharge	6000 < cycles
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100% discharge	3500 < cycles
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MECHANICAL SPECIFICATIONS

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

