

24V 27AH battery Technical sheet



Electrical Specifications

Voltage	24V
Capacity	27AH
Capacity @27A	60 minute
Energy	745.2Wh
Automatic discharge	monthly <3%
The largest unit in series	/
Maximum number of units in parallel	2

Charging specifications

Charging current is recommended	5A - 150A
Maximum charging current	150A
Recommended charging voltage	28.5±0.2V

Discharge specifications

Continuous discharge current	150A
BMS – Discharge Disconnect Voltage	22V
BMS – Discharge Reconnection Voltage	22.1V
Short-circuit protection	Yes

Temperature specifications

Discharge temperature	-40 to 65°C
Charging temperature	-40 to 65°C

Storage specifications

Storage temperature	-40 reach 65°C
Storage voltage	from 28.2V reach 28.5V

Communication Specifications

Bluetooth	not
Communication port	RS232 (interior)
LCD screen	No
Volthium CAN Hub communication (VE.CAN)	Incompatible

Heating specification (optional)

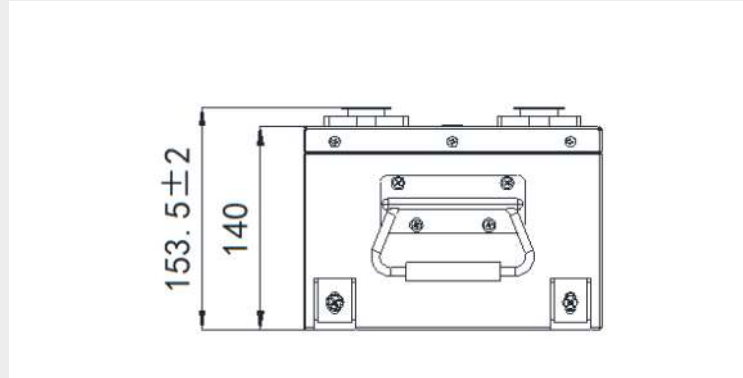
Heating temperature	NO
Activate the current	6A
Heating current	not
How the system is activated	manual

The number of cycles is based on to the average percentage of discharge used

100% discharged	25000 < cycles
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Mechanical Specifications:

Size	320*205*165mm
Material	Sheet metal
Weight	14.2 kg
Terminal type	M 8
Tightening torque on the terminal	8~10 Nm



Certification & Design

Devise	12S1P
Authentication	UL1973
Shipping classification	UN 38.3
Battery type	Lithium titanate NTO46180- 2.3V/27AH

