

48V/23AH Specification of power supply parameters for two- and three-wheeled electric vehicles



ELECTRICAL SPECIFICATIONS

Voltage	48V
Capacity	23AH
The capacity is @23A	10-30MINUTES (1C-6C are acceptable)
Energy	1110.9W
Automatic discharge	monthly < 3%
The largest unit in series	/
Maximum number of units in parallel	1

Charging specifications

Charging current is recommended	5A - 150A
Maximum charging current	150A
Recommended charging voltage	54.5±0.2V

Discharge specifications

Continuous discharge current	150A
BMS – Discharge Disconnect Voltage	37.8V
BMS – Discharge Reconnection Voltage	37.9V
Short-circuit protection	Yes

Temperature specifications

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

STORAGE SPECIFICATIONS

Storage temperature	-40 reach 65°C
Storage voltage	From 54V to 54.5V

Communication Specifications

Bluetooth	yes
Communication port	CAN and RS485
LCD screen	No
Volthium CAN Hub communication (VE.CAN)	Incompatible

Heating specification (optional)

Heating temperature	No
Activate the current	No
Heating current	No
How the system is activated	Manual

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

100% discharged	25000 < cycle
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Mechanical Specifications:

size	252.7*179.5*288.5mm
Material	Sheet metal
weight	20.2kg
Terminal type	Pinzikou

Certification & Design

devise	21S1P
authentication	/
Shipping classification	/
Battery type	Lithium titanate NTO46165- 2.3V/23AH

