

# 24V/49AH Outdoor portable power supply specification



## Electrical Specifications

Voltage	24V
Capacity	49AH
The capacity is @49A	60 minute
Energy	1239.7W
Automatic discharge	<3% per month
The largest unit in series	11
Maximum number of units in parallel	1

## Charging specifications

Charging current is recommended	50A
Maximum charging current	50A
Recommended charging voltage	28.5±0.2V

## Discharge specifications

Continuous discharge current	10A
BMS – Discharge Disconnect Voltage	19.2V
BMS – Discharge Reconnection Voltage	19.3V
Short-circuit protection	yes

## Temperature specifications

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

## Storage specifications

Storage temperature	-40 to 65°C
Storage voltage	From 28.2V to 28.5V

## 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	400*230*230mm
Material	Sheet metal
weight	20.2kg
Terminal type	Anderson

## Certification & Design

device	11S1P
authentication	/
Shipping classification	/
Battery type	Lithium titanate NTO60180- 2.3V/49AH

