

Breeze

ION BREEZE LC48100

- Over 6000 charging and discharging cycles
- Monitoring available on iOS / Android
- 20 years of maintenance-free operation
- 10-year warranty
- Maintenance-free storage



Breeze Energies Sp. z o.o.

Company headquarters: ul. Wielkanocna 6/39, 19-300 Ełk

Factory: ul. Kolejowa 44, 05-092 Łomianki

NIP: 8481873644, Regon: 381850460

(+48) 791-322-572, office@breeze-energies.com

www.breeze-energies.com

Technical Specifications

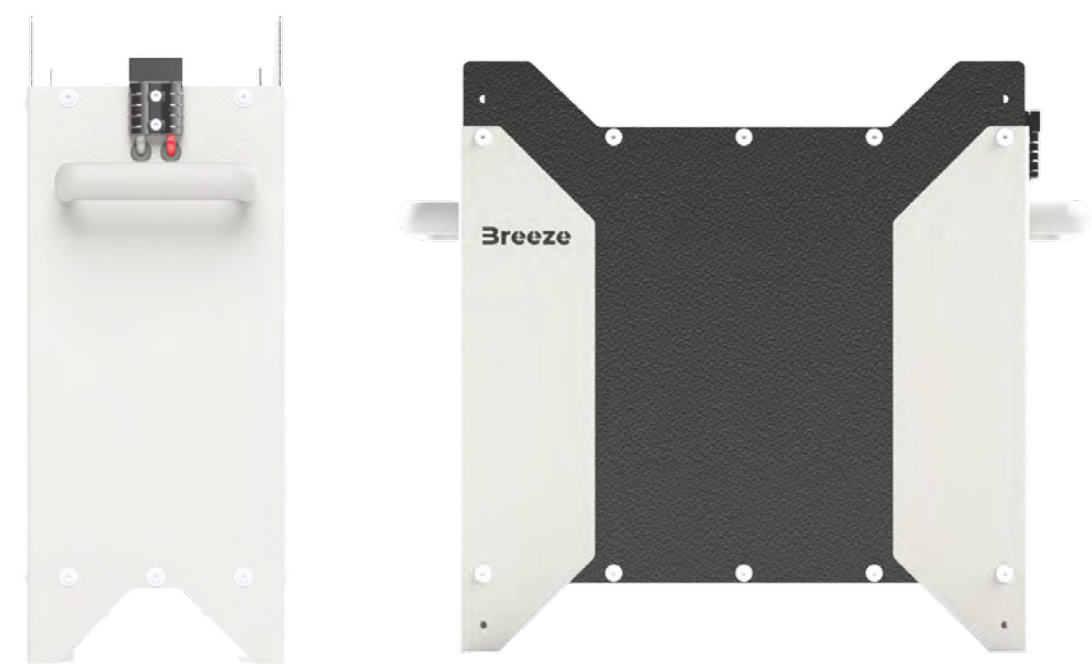
Model Name:	ION Breeze LC48100
Terminal Type:	Anderson SB50
Weight:	40 kg
Installation Direction:	Vertical/Horizontal



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Dimensions

Length:	179 mm
Width:	483 mm
Height:	435 mm



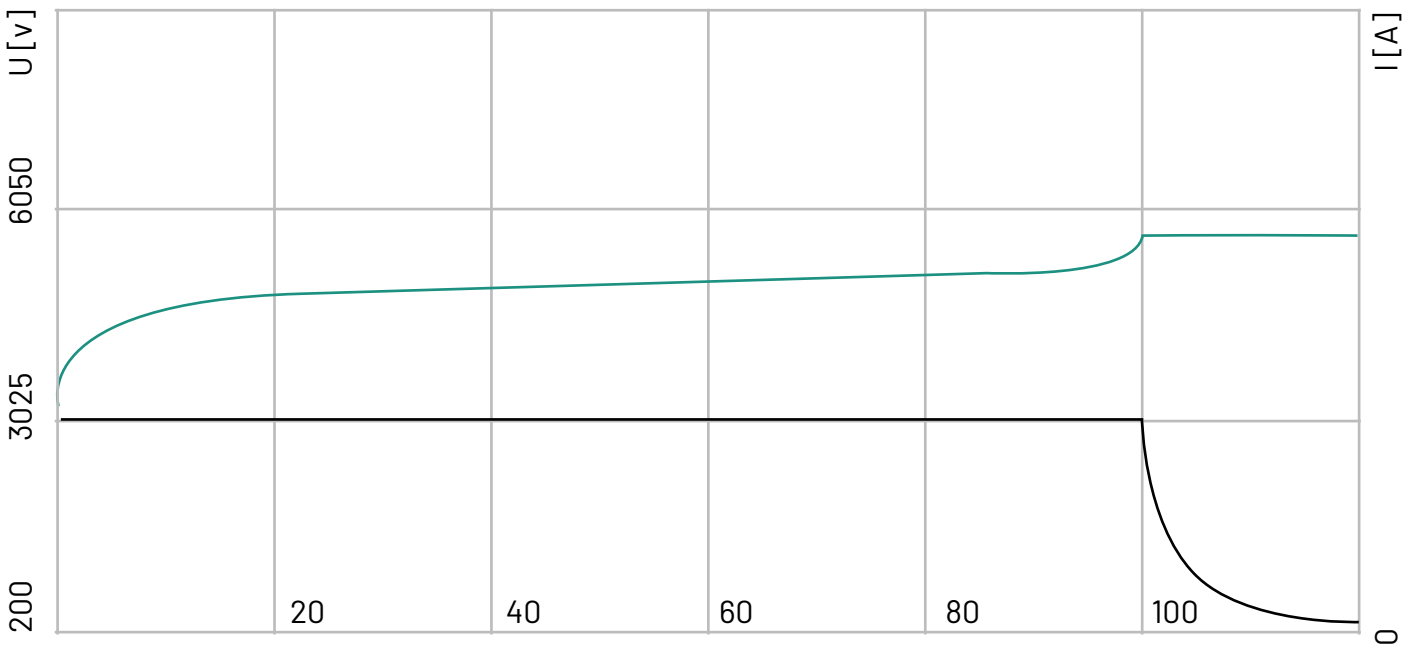
Electrical Specifications

Cell Type:	LiFePO ₄
Battery Capacity:	100 Ah +/- 1 Ah
Nominal Voltage:	51.2 V
Cut-off Voltage:	44 V
Energy Capacity:	5120 Wh
Max Power:	2560 W
Standard Charging Current:	20 A
Maximum Charging Current:	50 A
Standard Discharge Current:	25 A
Maximum Discharge Current:	50 A
Internal Resistance:	<36 mOhm
Cycle Life 80% DOD:	>6000

Temperature Range

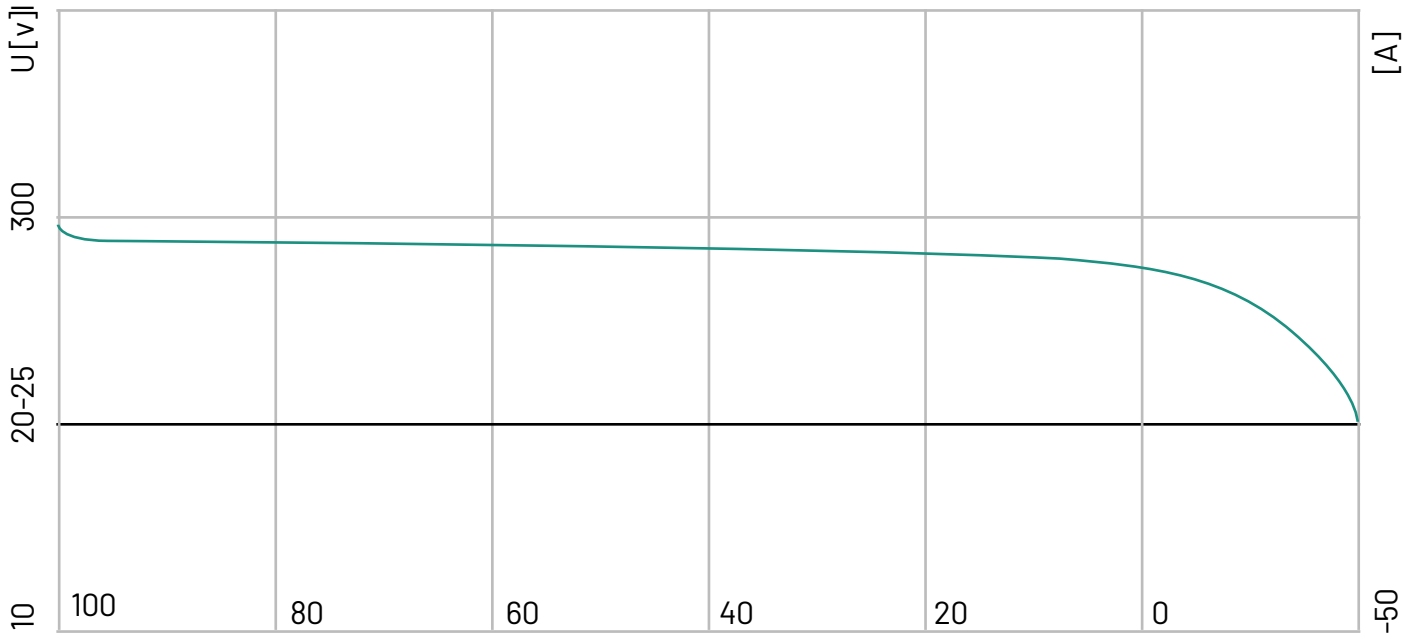
Charging:	0°C to +55°C
Discharging:	-10°C to +55°C
Storage:	-40°C to +60°C

Charging Characteristics



Charging Voltage (bulk):	58.4 V
Float Voltage:	57.6 V

Discharge Characteristics



Installation

1. Quick and easy setup
2. Parallel connection of any number of modules
3. Flexible expansion for the future
4. Wireless communication
5. Cables included with the battery

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Mobile App

Connection requires entering a unique PIN code.

The mobile app lets you monitor and view:

- charge status
- charging and discharging current
- emergency states
- balance level of individual cells
- temperature
- ability to turn the battery on/off
- interactive installation guide
- contact form for Breeze Energy support