

VERSABATT

Usermanual for Versabatt G3.

Congratulations on your new Versabatt G3!

Please read this user manual carefully and follow the instructions before using the unit.

Versabatt G3 can be used in several applications. It is therefore important that you use the product correctly and within the specifications for which it is designed. Incorrect use may cause damage to Versabatt products as well as to connected external equipment. Versabatt AS disclaims any responsibility for damage that may occur as a result of improper use.

Warning: Improper use may pose a fire hazard

You can download this user manual and the technical specifications via the QR code located on the inside of the packaging box or at:

www.versabatt.no/usermanual.



Checklist during unpacking and before using the product

- Check that there is no physical damage to the product. If damage is found, contact your supplier.
- Install the handle using the supplied shackles
- Ensure that connected products/components operate within a DC voltage range of 33.8 V to 54.6 V.
- The connected product must not exceed 4000 W continuous load.
- Use only recommended inverters or converters approved by Altilium AS.
- Temperature ranges:
 - Discharge: -20 to +55 °C
 - Charging: +5 to +50 °C

Mounting the handle



Find the handle and the shackles, and thread the shackles through the ends of the handle. Thread the screws back through the holes you removed them from, as well as the holes in the corners of your Versabatt, before tightening the screws with a 5mm allen key

Charging Versabatt G3

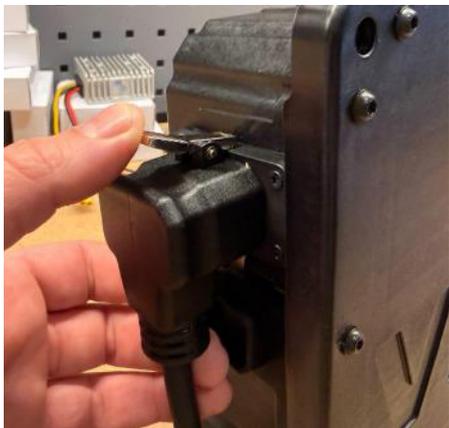
First plug the charger into a 230 V wall outlet, then connect the charger to the Versabatt battery.

Only chargers approved by Altilium AS may be used. The warranty is void if other chargers are used.



*Versabatt G3 battery with a Versabatt charger

To disconnect after charging, press the silver button and pull the connector straight out, this might take some force the first few times of use.



Use of 48-230v inverter

Ensure that the inverter operates within 33.8 V to 54.6 V. A Versabatt cable must be used.

IMPORTANT: First connect the cable to the inverter.

Red wire = + (positive)

Black wire = - (negative)

Then insert the plug into the Versabatt battery.

The maximum continuous load at 230 V is 2500 W (depending on the inverter).

We recommend inverters from Altilium, as they are specifically adapted for the Versabatt battery.



Versabatt cable. Red = + (plus)

Black = - (minus)

Versabatt with 48V to 230V inverter. ILLUSTRATIVE PURPOSES ONLY,
A MAIN SWITCH SHOULD ALWAYS BE USED

Connection of a voltage converter from 48 V to 12 V or 24 V

Ensure that the voltage converter operates within 33.8 V to 54.6 V. A cable from Altilium must be used.

IMPORTANT: First connect the cable to the voltage converter.

Red wire = + (positive)

Black wire = - (negative)

Then insert the plug into the Versabatt battery.

The maximum continuous load depends on the DC-DC converter being used.

Technical Specifications

Net / Gross capacity: 2.4 kWh / 2.5 kWh

Nominal voltage: 48 V

Voltage range: 33.8 V – 54.6 V

Weight: 12.1 kg

Specific energy: 198.3 Wh/kg

Specific power: 206.6 Wh/kg

IP rating: IP66

Dimensions (L×W×D): 480 × 278 × 85 mm

Operating temperature (discharge): -20 to +55 °C

Operating temperature (charging): +5 to +55 °C

Storage temperature: -20 to +55 °C