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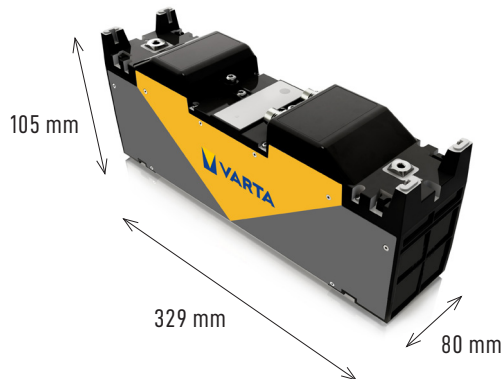
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Easy Blade Baby 24

25.2 V | 17.4 Ah | 439 Wh | VKB: 56672 742 098

VARTA Storage GmbH - Rev No. 1 0523



*Illustration only

ELECTRICAL SPECIFICATION

Power connection	Negative terminal: M6 (six) screw type, rated female terminal Positive terminal: M8 (eight) screw type, rated female terminal
CAN BUS connection	Type: 2x (two) M12-5, plug, female sockets Mating style: screw thread Coding: A Model: TE part number T4111002051-000
Nominal voltage	25.2 V
Typical capacity	17.4 Ah
Typical energy	439 Wh
Charging method	Constant Current + Constant Voltage
Max. charge voltage	29.4 V
Max. charge current	16.5 A
Rec. charge current	5.5 A
Rec. charge cut off	Current < 170 mA
Rec. discharge cut off	21 V
Max. continuous discharge current	16.5 A
Max. pulse discharge current	49.5 A for 3 sec.
Rec. discharge current	8.25 A
Exp. cycle life at (0.5 C / 0.5 C), 22 °C ± 2 °C	TBA

GENERAL

(Battery with safety circuit and plastic/metal combination)

Size (l x w x h) in mm	329 x 80 x 105
General	Lithium-Nickel-Manganese-Cobalt-Oxide with BMS
Communications	CAN Bus (CAN open)
Weight	Approx. 3.5 kg

CELL&BATTERY PROTECTION

Safety function	Short circuit protection: 300A / 178µs Over discharge current protection 1: 49.5A / 3s; level 2: 57A / 50ms Over charge current protection 1: 18A / 3s; level 2 24A / 50ms
Fuse	100A

ENVIRONMENTAL CONDITIONS

Charge	0 °C to +45 °C
Discharge	-20 °C to +60 °C
Storage	1 to 3 months at -20 °C to +45 °C 1 year at -20 °C to +25 °C
Humidity	0 to 60 RH %
IP rating	IP 30, excluding battery contacts

SAFETY CERTIFICATIONS

Please follow VARTA handling and safety precautions for Lilon & LiPolymer. The cell used is a UL recognized component according to UL1642. This battery meets the requirements of battery directives and the battery parts are RoHS-compliant. This battery is certified according to UN38.3 and IEC62133-2:2017 (pending)

FEATURES

- Easily connected up to 25 modules in parallel for higher capacities.
- Housing with locking feature for easy attachment to adjacent module.
- No external battery management needed.
- Automatic master-slave status established.
- Zero maintenance, zero emissions.
- Water sealed power connectors.

The product is designed to safety standards per datasheets, the battery is NOT designed for intended use for e-mobility consumer products. Responsibility for system level safety remains with e-mobility product design to comply with safety standard for intended end markets.

Minimum order quantity: 240 pcs / Order multiples: 80 pcs
Product for OEM customers only. Distributor MOQs may vary.

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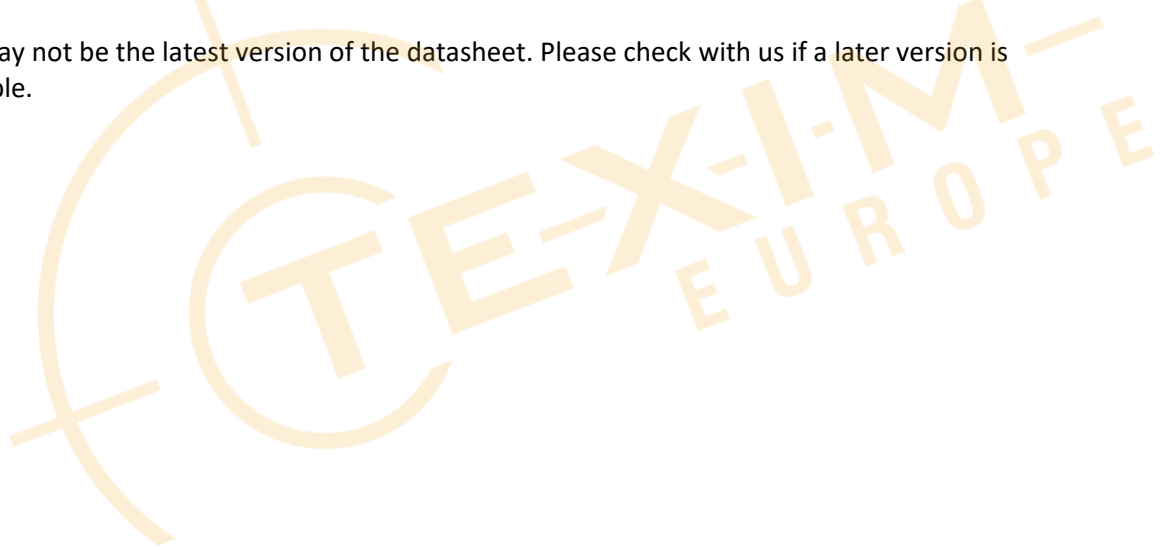
It is the customer's responsibility to validate that a particular product with the properties described in the product specification is suitable for use in a particular application.

Parameters provided in datasheets and / or specifications may vary in different applications and performance may vary over time.

All operating parameters, including typical parameters, must be validated for each customer application by the customer's technical experts.

Please contact us if you have any questions about the contents of the datasheet.

This may not be the latest version of the datasheet. Please check with us if a later version is available.





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