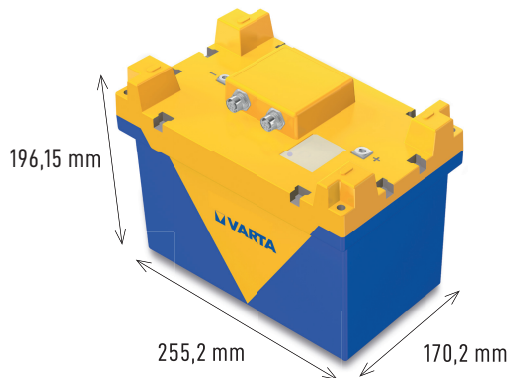


Easy Block 24

25.6 V | 22.8 Ah | 583 Wh | VKB: 56650 764 099

VARTA Storage GmbH - Rev No. 1 0421



*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 T4111002051-000 or similar
Typical voltage	25.6 V
Typical capacity	22.8 Ah
Nominal energy	583 Wh
Charging method	Constant Current + Constant Voltage
Max. charge voltage	29.2 V
Max. charge current	22.8 A
Rec. charge current	20 A
Rec. charge cut off	Current < 1.2 A
Rec. discharge cut off	20 V
Max. continuous discharge current	60 A
Max. pulse discharge current	65 A for 3 sec.
Rec. discharge current	20 A
Exp. cycle life at (0.9 °C / 0.9 °C), 22 °C ± 2 °C	≥ 80 % of initial capacity at 4,000 cycles ≥ 60 % of initial capacity at 10,000 cycles

GENERAL (Battery with safety circuit)

Size (l x w x h) in mm	255,2 x 170,2 x 196,15
General	Li-Iron-Phosphate
Communications	CAN Bus (CANopen)
Weight	Approx. 7.5 kg

CELL&BATTERY PROTECTION

Safety function	Short circuit protection: 300A / 0.1ms Over discharge current protection 1: 65A / 5s; level 2: 85A / 50ms Over charge current protection 1: 65A / 5s; level 2 85A / 50ms
Fuse	100A (one time)

ENVIROMENTAL CONDITIONS

Charge	0 °C to +50 °C
Discharge	-20 °C to +60 °C
Storage	1 to 3 months at -20 °C to +45 °C 1 year at -20 °C to +24 °C
Humidity	25 to 85 RH %
IP rating	IP 30, not water resistant

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 IEC62133-2:2017 and UN38.3.

FEATURES

- Extra-long cycle life for heavy duty cycle projects and reduced total cost of ownership.
- 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.
- Limited 2 year warranty.

Minimum order quantity: 256 pcs / Order multiples: 32 pcs
Product for OEM customers only. Distributor MOQs may vary.