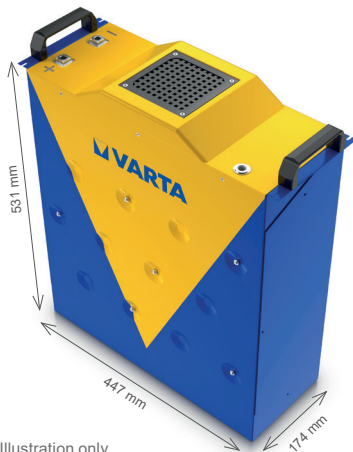


51.2 V | 60 Ah nominal | 3 kWh



\* Illustration only

## GENERAL (Battery with safety circuit and plastic / metal combination)

Size (l x w x h) in mm	447 x 174 x 531
General	Li-Iron-Phosphate (LFP) LiFePo4
Communications	CAN Bus
Weight	Approx. 40 kg
Colour	Silver - sheet metal casing Black - Top cover

## ELECTRICAL SPECIFICATION

Power connection	Negative terminal: M8 (eight) screw type, rated female terminal Positive terminal: M8 (eight) screw type, rated female terminal
CAN BUS connection	Type: 2x (two) RJ 45, plug, female sockets
Nominal voltage	51.2 V
Nominal capacity (0.2 C; 2.50 V discharge)	60 Ah
Nominal energy	3,072 Wh
Charging method	Constant current + constant voltage
Max. charge voltage	57.6 V
Max. charge current	50 A
Rec. charge cut off	Current < 2.0 A
Rec. discharge cut off	40 V
Max. continuous discharge current	120 A
Rec. discharge current	60 A
Exp. cycle life at (0,9 C / 0,9 C), 22 °C ± 2 °C	≥ 80 % of initial capacity at 6,000 cycles

## CELL & BATTERY PROTECTION

Safety function	Over/under temperature, over/under voltage, over current short circuit
Fuse	180 Ah

## ENVIRONMENTAL CONDITIONS

Charge	0 °C to +45 °C
Discharge	-20 °C to +60 °C
Storage	1 Year at +23 °C, > 85 % 1 Month at +45 °C, > 85 % 1 Month at +23 °C, > 90 %
Humidity	25 to 85 RH %

## 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 to according to UN38.3.

## FEATURES

Easily connected up to 25 modules in parallel for higher capacities.  
Battery can be used in 19" standard systems, mounting features for 19". 4u high.  
No external battery management needed. Automatic master-slave status established.  
Zero maintenance, zero emissions.  
Limited 2 year warranty.