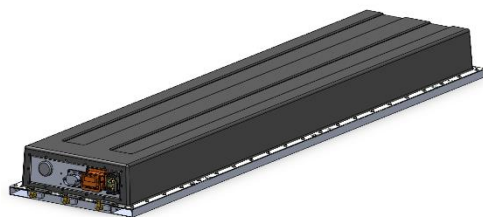


# EN018BW040K400V102AhNMC

40,7 kWh Lithium-ion battery



## Product information:

Lithium-ion battery for high-voltage installations is based on highly efficient cells with NMC technology, which provides high power and durability. Low mass and high performance enable the use of batteries to power boats, yachts, slow-running vehicles etc. The battery is equipped with battery management system (BMS), which allows the batteries to be used maintenance-free and enables to monitor battery parameters using prepared interfaces – including Bluetooth.

Homologation UN ECE R100.03 Types of vehicles: N1,N2,N3,M1,M2,M3

Compatible with UN ECE R10.05

## Specification:

	Parameter		Unit	Value
<b>Basic parameters</b>	Rated voltage		V	399,6
	Minimum voltage		V	324
	Maximum voltage		V	459
	Nominal capacity		Ah	102
	Energy		kWh	40,7
	Charge/discharge current		A	102
	Rated power		kW	40,7
	Maximum power		kW	61,9
	Maximum charging current		A	155 (30s)
	Maximum discharge current		A	155 (30s)
	Number of cycles			≥6000
<b>Working conditions</b>	Working temperature	Charge	°C	0 – 45
		Discharge		-20 – 55
	Level of protection			IP65
Humidity		%	95	
<b>Mechanical parameters</b>	Length		mm	2437
	Width		mm	570
	Height		mm	192,5
	Mass		kg	235
	Power connector			Amphenol

\* the manufacturer reserves the right to make changes to the parameters and appearance of the product