

# EN002BW034K666V051AhNMC

35kWh Bus battery

## Product information:



Lithium-ion battery for high-voltage installations, based on highly efficient NMC technology cells, ensuring high power and durability. Low weight and high efficiency of the battery allow to use the battery to power boats, yachts, slow-moving vehicles etc. The battery is equipped with BMS management system that allows to use batteries maintenance-free and check the parameters of the battery with the assistance of CAN bus and service application.

**Applications:** 2m and 18m buses, heavy-duty vehicles, construction machinery

## Specification:

	Parameter		Unit	Value
<b>Basic parameters</b>	Nominal Voltage		V	666
	Maximum Voltage		V	756
	Minimal Voltage		V	520
	Nominal capacity		Ah	51
	Amount of energy		kWh	35
	Charge/discharge current		A	150
	Nominal power		kW	100
	Maximum power		kW	170
	Maximum charge current		A	255 (30s)
	Maximum discharge current		A	255 (30s)
	Number of cycles			≥4000
<b>Working conditions</b>	Operating temperature	charging	°C	0 – 45
		discharging		-20 – 55
	Environmental resistance			IP65
	Humidity		%	90
<b>Mechanical parameters</b>	Length		mm	1336
	Width		mm	810
	Height		mm	430
	Weight		kg	560

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