

# EN005BW030K307V100AhLFP

30,7 kWh lithium-ion battery



## Product information:

Lithium-ion battery for high-voltage installations, based on very efficient cells in the LFP technology, ensuring high power and durability. Low weight and high efficiency 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 prepared interfaces – including Bluetooth.

## Specification:

	Parameter		Unit	Value
<b>Basic parameters</b>	Nominal Voltage		V	307,2
	Maximum Voltage		V	350,4
	Minimal Voltage		V	240
	Nominal capacity		Ah	100
	Amount of energy		kWh	30,72
	Charge/discharge current		A	100
	Nominal power		kW	30,72
	Maximum power		kW	30,72
	Maximum charge current		A	150 (30s)
	Maximum discharge current		A	150 (30s)
	Number of cycles			≥4000
<b>Working conditions</b>	Operating temperature	charging	°C	0 – 45
		discharging		-20 – 55
	Environmental resistance			IP67
Humidity		%	95	
<b>Mechanical parameters</b>	Length		mm	1600
	Width		mm	800
	Height		mm	220
	Weight		kg	290
	Power connector			Amphenol