

ENxxxBN02K074V029AhNCA

2,15 kWh lithium-ion battery

Product information:



Lithium-ion battery for mobile and stationary applications. The battery is suitable for use in light vehicles such as golf carts, AGVs (Automated Guided Vehicles), scooters, bicycles, and more. Solid compact design allows for easy assembly and removal.

Functionality

- Lightweight design
- Ability to change the direction of the current connector output

Applications

- EMAX Scooter, golf carts,
- AGV robots

Safety

- Compliance with UN38.3
- Compliance with IEC62619
- Electromagnetic compatibility (EMC)
EN 61000-6-1:2007; EN 61000-6-3:2007
+ A1:2011 + AC:2012

System

- Battery Management System (BMS)

Specification:

	Parameter		Unit	Value
Basic module parameters	Configuration			20S10P
	Nominal Voltage		V	74
	Maximum Voltage		V	55
	Minimal Voltage		V	84
	Nominal capacity		Ah	29
	Amount of energy		kWh	2,146
	Maximum discharge current		A	43 (1,5C)
	Maximum charging current		A	20,3 (0,7C)
	Energy density		Wh/kg	178
	Number of cycles			≥ 1500
Working conditions	Operating temperature	charging	°C	0 ~ +45
		discharging		-20 ~ +55
	Humidity		%	10 - 90
Safety	Disconnecter			No
	Circuit breaker			Yes
	Battery Management System BMS			Yes
Mechanical parameters	Length		mm	185
	Width		mm	140
	Height		mm	245
	Weight		kg	12
	Power connector			ANDERSON SB50
	Level of protection			IP54

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