LiFePO4 PRO 25,6V 200Ah (200A) MAINTENANCE-FREE BATTERY + BMS + BLUETOOTH + HEATING MAT

REGULAR RANGE



PRODUCT CODE
6AKLI242BT

EAN
5904100453207

CATEGORY
Maintenance-free batteries (AGM, GEL, LiFePO4)

SUBCATEGORY
LiFePO4 PRO maintenance-free batteries (lithium)

PRODUCT PAGE
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ABOUT THE PRODUCT

The LiFePO4 PRO 25,6V 200Ah (200A) battery is a maintenance-free lithium-iron-phosphate battery with an integrated BMS, Bluetooth module and heating mat. It is characterised by low weight, very low self-discharge and a high number of operating cycles — up to 6000 cycles at 60% DoD.

The integrated Bluetooth module enables connection to a phone and monitoring, using a dedicated application, of the state of charge, remaining capacity, charging and discharging current, voltage and discharge capacity. The BMS controls the battery charging and discharging processes.

The heating mat raises the cell temperature during operation at low temperatures, enabling safe charging and supporting the maintenance of battery performance. The product is intended for backup power systems, OFF-GRID installations, mobile vehicles such as motorhomes and food trucks, and electrical installations in boats. W the product is used on a boat, an airtight battery enclosure is required.

When powering devices with an electric motor, a DC fuse must be installed on the battery (+) conductor, with a rating not exceeding the maximum load current specified on the enclosure. The maximum charging voltage is 14,6 V. After a prolonged period of inactivity, charging with a maximum current of 10 A is recommended.

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TECHNICAL SPECIFICATIONS

Electrical specifications	**Nominal voltage**	25,6 V
	Nominal capacity	200 Ah
	Voltage range	21,6 V - 29,2 V
	Cut-off voltage	22,4 V
	Maximum charging current	200 A
	Maximum discharging current	200 A
	Design life	3000 cycles (100% DoD), 4500 cycles (80% DoD), 6000 cycles (60% DoD)
	BMS protection	Yes (with Bluetooth function and heating mat)
Operating and Charging Parameters	**Self-discharge**	<3% per month
Dimensions and Operating Environment	**Operating temperature range**	-20°C to +55°C (discharging), 0°C to +55°C (charging)
	Storage temperature range	-20°C to +45°C
	Dimensions (Length x Width x Height)	522 x 240 x 218 mm
	Connector type	M8
	Housing material	ABS
	Net weight	35 kg ±3%
	Unit packaging dimensions	555 x 305 x 255 mm
	Unit packaging weight (gross)	36 kg

PRODUCT GALLERY









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