LiFePO4 PRO 25,6V 100Ah (100A) MAINTENANCE-FREE BATTERY + BMS + BLUETOOTH + HEATING MAT

REGULAR RANGE



PRODUCT CODE
6AKLI24100

EAN
5904100453191

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

SUBCATEGORY
Maintenance-free LiFePO4 PRO batteries (lithium)

PRODUCT PAGE
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ABOUT THE PRODUCT

The LiFePO4 PRO 25,6V 100Ah (100A) battery is a maintenance-free energy source with an integrated BMS, Bluetooth module and heating mat. Lithium-iron-phosphate technology provides low weight, very low self-discharge and a high number of operating cycles – up to 6000 cycles at 60% DoD.

The integrated BMS controls the charging and discharging processes and supports long-term battery storage without loss of nominal capacity. The heating mat helps maintain optimal battery performance and reliability at low temperatures.

The Bluetooth module enables the battery to be connected to a phone and monitored using a dedicated application, including the state of charge, remaining capacity, current charging and discharging current, present voltage and discharge capacity.

The battery is intended for backup power systems, OFF-GRID installations, vehicles such as motorhomes and food trucks, and boats, exclusively when using a sealed battery enclosure.

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TECHNICAL SPECIFICATIONS

Electrical specifications	**Nominal voltage**	25,6 V
	Nominal capacity	100 Ah
	Voltage range	21,6 V - 29,2 V
	Cut-off voltage	22,4 V
	Maximum charging current	100 A
	Maximum discharging current	100 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)	485 x 172 x 240 mm
	Connector type	M8
	Housing material	ABS
	Net weight	17,9 kg ±3%
	Unit packaging dimensions	550 x 235 x 280 mm
	Gross weight of unit packaging	19 kg

PRODUCT GALLERY









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PRODUCT GALLERY - CONTINUED



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