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

REGULAR RANGE



PRODUCT CODE
6AKLI24200

EAN
5904100452088

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

SUBCATEGORY
Maintenance-free batteries LiFePO4 (lithium)

PRODUCT PAGE
voltpolska.pl/produkty/akumulator-lifepo4-256v-200-ah-200a...

ABOUT THE PRODUCT

The $LiFePO_4$ battery 25,6 V 200 Ah (200 A) with an integrated BMS is characterised by low weight, very low self-discharge and a high number of operating cycles. The designed service life is approximately 6000 cycles at 60% DoD.

Thanks to its high cycle life, it is suitable for backup power systems and OFF-GRID installations. Its low weight enables use in mobile installations, including motorhomes, food trucks and boats. W the case of installation on boats, the battery may power electronic devices, lighting and household appliances only when placed in a hermetically sealed enclosure.

The integrated BMS controls the charging and discharging process and allows long-term storage without loss of nominal capacity. The battery must be charged only with a charger intended for $LiFePO_4$ batteries.

W powering devices with an electric motor, a DC fuse must be installed in the battery (+) circuit, with a rating no higher than the maximum load current specified on the enclosure. Starting currents of motors, compressors, refrigerators or air conditioners may be as much as 5–10 times higher than the nominal operating current and may cause permanent damage to the $LiFePO_4$ battery with BMS.

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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	20 V
	Maximum charging current	200 A
	Maximum discharging current	200 A
	Designed service life	3000 cycles (100% DoD), 4500 cycles (80% DoD), 6000 cycles (60% DoD)
	BMS protection	Yes
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	34,2 kg ±3%
	Individual package dimensions	555 x 305 x 255 mm
	Gross weight of individual package	35,1 kg

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PRODUCT GALLERY







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