LiFePO4 25,6V 150Ah (150A) MAINTENANCE-FREE BATTERY + BMS

REGULAR RANGE

PRODUCT CODE
6AKLI24150

EAN
5904100452071

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

SUBCATEGORY
Maintenance-free LiFePO4 batteries (lithium)

PRODUCT PAGE
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ABOUT THE PRODUCT

The LiFePO₄ battery 25,6 V 150 Ah (150 A) with an integrated BMS is a maintenance-free energy source with low weight, very low self-discharge and high durability. The designed service life is approximately 6000 cycles at 60% DoD.

The battery is suitable for backup power systems, OFF-GRID installations and mobile installations in motorhomes, food trucks and boats. W the battery is used on a boat to power electronic devices, lighting or household appliances, a hermetic battery enclosure must be used.

The integrated BMS controls the charging and discharging process and supports long-term storage without loss of nominal capacity. The battery must be charged only with a charger intended for LiFePO₄ batteries.

W when powering devices with an electric motor, a DC fuse must be installed on the battery positive cable, with a rating no greater than the maximum load current specified on the housing. Starting currents occurring in motors, compressors, refrigerators and air conditioners, among other devices, may be 5–10 times higher than the nominal operating current and may cause permanent damage to the battery with BMS, which is not covered by the warranty.

TECHNICAL SPECIFICATIONS

Electrical specifications	**Nominal voltage**	25,6 V
	Nominal capacity	150 Ah
	Voltage range	21,6 V - 29,2 V
	Cut-off voltage	20 V
	Maximum charging current	150 A
	Maximum discharge current	150 A
	Designed service life	3000 cycles (100% DoD), 4500 cycles (80% DoD), 6000 cycles (60% DoD)
	BMS protection	Yes

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TECHNICAL SPECIFICATIONS - CONTINUED

Operating and Charging Parameters	**Self-discharge**	<3% per month
Dimensions and Operating Environment	**Operating temperature range**	-20°C to +55°C (discharge), 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	25,6 kg ±3%
	Individual package dimensions	550 x 235 x 280 mm
	Individual package weight (gross)	26,5 kg

PRODUCT GALLERY



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