LiFePO4 12,8V 150Ah (150A) MAINTENANCE-FREE BATTERY + BMS + BLUETOOTH

DISCONTINUED

PRODUCT CODE
6AKLB15012

EAN
5904100450978

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

SUBCATEGORY
LiFePO4 PRO maintenance-free batteries (lithium)

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ABOUT THE PRODUCT

The LiFePO4 12,8V 150Ah (150A) MAINTENANCE-FREE BATTERY + BMS + BLUETOOTH uses lithium-iron-phosphate technology and is equipped with a built-in BMS with wireless Bluetooth communication. It is characterised by low weight, a high number of operating cycles and very low self-discharge.

Thanks to its high cycle life, it is suitable for backup power systems and OFF-GRID installations. Its low weight enables use in vehicles such as motorhomes and food trucks, as well as in boat installations, exclusively with a hermetic battery enclosure.

The BMS controls the charging and discharging processes and enables long-term battery storage without loss of nominal capacity. The designed service life is 2000 cycles at 100% DoD while retaining an average of 80% of nominal capacity.

TECHNICAL SPECIFICATIONS

Electrical specifications	**Nominal voltage**	12,8 V
	Nominal capacity	150 Ah
	Internal resistance	~50 mΩ
	Maximum charging voltage	14,6 V
	Maximum charging current	75 A
	Maximum discharging current	150 A
	Designed service life	2000 cycles (100% DoD)
	BMS protection	Yes (with wireless Bluetooth communication)

TECHNICAL SPECIFICATIONS - CONTINUED

Operating and Charging Parameters	**Self-discharge**	<3% per month
	Effect of temperature on capacity	101% (at 40°C), 100% (at 25°C), 90% (at 0°C), 75% (at -10°C)
Dimensions and Operating Environment	**Operating temperature range**	-20°C to +60°C (discharging), 0°C to +45°C (charging)
	Storage temperature range	0°C to +40°C
	Dimensions (Length x Width x Height)	330 x 172 x 220 mm (±2 mm)
	Connector type	T16 (screw terminal M8)
	Housing material	ABS
	Net weight	18,0 kg
	Individual packaging dimensions	382 x 222 x 285 mm
	Individual packaging weight (gross)	18,5 kg

PRODUCT GALLERY





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PRODUCT GALLERY - CONTINUED







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