LiFePO4 PRO 12,8V 280Ah (200A) MAINTENANCE-FREE BATTERY + BMS + BLUETOOTH + HEATING MAT

REGULAR RANGE



PRODUCT CODE
6AKLI20M28

EAN
5904100452712

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

SUBCATEGORY
LiFePO4 PRO maintenance-free batteries (lithium)

PRODUCT PAGE
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ABOUT THE PRODUCT

LiFePO4 PRO 12,8V 280Ah (200A) MAINTENANCE-FREE BATTERY + BMS + BLUETOOTH + HEATING MAT battery uses lithium-iron-phosphate technology. It is characterised by low weight, very low self-discharge and a designed service life of up to 6000 cycles at 60% DoD.

The built-in BMS controls the charging and discharging processes and supports long-term battery storage without loss of nominal capacity. The heating mat enables battery operation at low temperatures.

The Bluetooth module allows the battery to be connected to a phone using a dedicated application. The user can monitor the state of charge and remaining capacity, the current charging and discharging current, the current voltage and the discharged capacity.

The battery is intended for backup power systems, OFF-GRID installations and installations in motorhomes, food trucks and boats. W the battery is used on a boat, a hermetically sealed battery enclosure is required.

TECHNICAL SPECIFICATIONS

Electrical specifications	**Rated voltage**	12,8 V
	Nominal capacity	280 Ah
	Voltage range	10,8 V - 14,4 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 (with Bluetooth function and heating mat)

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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 (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	26,3 kg ±3%
	Individual packaging dimensions	555 x 305 x 255 mm
	Gross weight of individual packaging	27,3 kg

PRODUCT GALLERY





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