LiFePO4 MINI 12,8V 100 Ah (150A) BMS [260x167x210x218mm]

LIMITED DISTRIBUTION

PRODUCT CODE
6AKLIPS112

EAN
5904100453634

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

SUBCATEGORY
Maintenance-free LiFePO4 batteries (lithium)

PRODUCT PAGE
voltpolska.pl/produkty/lifepo4-mini-128v-100-ah-150a-bms-26...



ABOUT THE PRODUCT

LiFePO₄ MINI battery 12,8V 100 Ah (150A) BMS [260x167x210x218mm] with an integrated BMS is characterised by its low weight, compact dimensions and high cycle life. The design life is 3000 cycles at 100% DoD, 4500 cycles at 80% DoD and 6000 cycles at 60% DoD.

Thanks to its low self-discharge rate, the battery is intended for backup power systems, OFF-GRID installations and mobile applications in motorhomes, food trucks and boats. W boat electrical installations, it may be used to power electronic devices, lighting and household appliances only when an airtight battery enclosure is used.

The integrated BMS monitors the charging and discharging process and enables long-term storage without loss of nominal capacity. The battery must be charged only with a charger dedicated to LiFePO₄ batteries.

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

TECHNICAL SPECIFICATIONS

Electrical specifications	**Nominal voltage**	12,8 V
	Nominal capacity	100 Ah
	Voltage range	10,8 V - 14,4 V
	Cut-off voltage	10,8 V
	Maximum charging current	150 A
	Maximum discharge current	150 A
	Design life	3000 cycles (100% DoD), 4500 cycles (80% DoD), 6000 cycles (60% DoD)
Operating and Charging Parameters	**Self-discharge**	<3% per month

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TECHNICAL SPECIFICATIONS - CONTINUED

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)	260 x 167 x 210 (218) mm
	Connector type	M8
	Housing material	ABS
	Net weight	9 kg ±3%

PRODUCT GALLERY





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