LiFePO4 PRO 12,8V 314Ah (200A) MAINTENANCE-FREE BATTERY + BMS + BLUETOOTH + HEATING MAT

REGULAR RANGE

PRODUCT CODE
6AKLI20M31

EAN
5904100452958

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

SUBCATEGORY
LiFePO4 PRO maintenance-free batteries (lithium)

PRODUCT PAGE
voltpolska.pl/produkty/akumulator-lifepo4-pro-128v-314ah-20...



ABOUT THE PRODUCT

The LiFePO₄ PRO battery 12,8V 314Ah (200A) is equipped with an integrated BMS, Bluetooth module and heating mat. Lithium-iron-phosphate technology provides low weight, a high number of operating cycles and a very low self-discharge rate. The battery is suitable for backup power systems, OFF-GRID installations, mobile vehicles such as motorhomes and food trucks, and boats, provided that a hermetic enclosure is used exclusively.

The integrated Bluetooth module enables connection to a phone and monitoring via a dedicated application of the state of charge, remaining capacity, current charging and discharging current, current voltage and discharge capacity. The BMS controls the charging and discharging processes and works with the heating mat, which supports safe charging at low temperatures.

The maximum charging voltage is 14,6 V. After a prolonged period of inactivity, charging with a current of no more than 10 A is recommended. Before charging, check that the charger does not exceed 14,6 V. W the case of devices with an electric motor, a DC fuse must be installed on the positive battery cable, with a rating no higher than the maximum load current specified on the enclosure. Starting loads, including motors, compressors, refrigerators and air conditioners, may permanently damage the battery.

TECHNICAL SPECIFICATIONS

Electrical specifications	**Rated voltage**	12,8 V
	Nominal capacity	314 Ah
	Voltage range	10,8 V - 14,6 V
	Maximum charging current	200 A
	Maximum discharge current	200 A
	Design life	3000 cycles (100% DoD), 4500 cycles (80% DoD), 6000 cycles (60% DoD)
	BMS protection	Yes (with Bluetooth function and heating mat)

VOLT POLSKA Sp. z o.o.

ul. Świemirowska 3, 81-877 Sopot
NIP 5851458032 | REGON 221142660
KRS 0000372066

voltpolska.pl
(58) 500-85-62
hurt@voltpolska.pl
pomoc@voltpolska.pl

GENERATED: 2026-11-03 12:02

TECHNICAL SPECIFICATIONS - CONTINUED

Operating and Charging Parameters	**Self-discharge**	<3% per month
	Heating mat power	~ 103W
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	27,46 kg ±3%
	Unit packaging dimensions	555 x 305 x 255 mm
	Gross weight of unit packaging	28,64 kg

PRODUCT GALLERY





VOLT POLSKA Sp. z o.o.

ul. Świemirowska 3, 81-877 Sopot
NIP 5851458032 | REGON 221142660
KRS 0000372066

voltpolska.pl
(58) 500-85-62
hurt@voltpolska.pl
pomoc@voltpolska.pl

PRODUCT GALLERY - CONTINUED







VOLT POLSKA Sp. z o.o.

ul. Świemirowska 3, 81-877 Sopot

NIP 5851458032 | REGON 221142660

KRS 0000372066

voltpolska.pl

(58) 500-85-62

hurt@voltpolska.pl

pomoc@voltpolska.pl

This datasheet was generated automatically; technical data and images are for reference only and may change without notice. To the extent permitted by law, VOLT POLSKA accepts no liability for any errors or inaccuracies in this datasheet.