

BATTERY LITHIUM-IRON-PHOSPHATE

MAXX

LiFePO₄
12.8V 150Ah

PARAMETERS

INDEX B0035

Nominal voltage	12.8 V
Nominal capacity	150Ah
Energy	1920 Wh
Self-discharge	<3% / month
Cells	3.2V
Weight	18,5 kg
Dimension	330 × 172 × 223 mm



DISCHARGE PARAMETERS

Max. continuous discharge current	200A
Discharge cut-off voltage	≥10 V
Restoration voltage	>11,2 V

CHARGING PARAMETERS

Recommended charging current	30A
Max. charging current	100A
Recommended charging voltage	≤14,6
Vol. of charge interruption	<14,6 V
Charge restoration voltage	>14 V

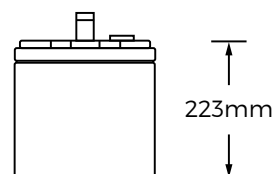
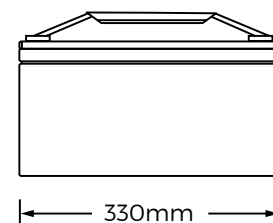
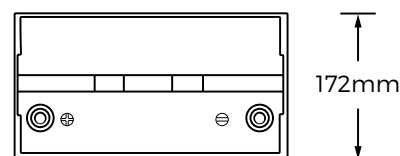
BMS PROTECTION SYSTEM

Cut-off charging voltage	≤ 14,6V
Cut-off discharge voltage	≥ 10V
Excitation voltage	>11V
Cut-off charging/discharging current	205A
Cut-off temperature	65°C
Excitation temperature	<55°C
Short-circuit protection	200~600μs
Charge lock at <0°C temp.	Yes

TEMPERATURE PARAMETERS

Discharge temp.	-20°C ~ 60°C
Charging temp.	0°C ~ 45°C
Storage temp.	-5°C ~ 35°C

EXTERNAL DIMENSIONS



Parameters may vary depending on the application. All parameters are subject to change without prior notice to the user. These data are for illustrative purposes only. For clarification and up-to-date information, please contact us.

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FEATURES AND BENEFITS

- 6500 cycles at up to 80% discharge
- Optimized size
- Built-in overvoltage protection (BMS)
- Fast charging
- Extreme thermal resistance
- Extreme thermal resistance
- Low weight
- Heating mat*
Allowing charging and discharging in sub-zero temperatures

APPLICATION

- Campers
- Yachts
- Caravans
- PV energy banks
- Remote monitoring
- UPS emergency power systems

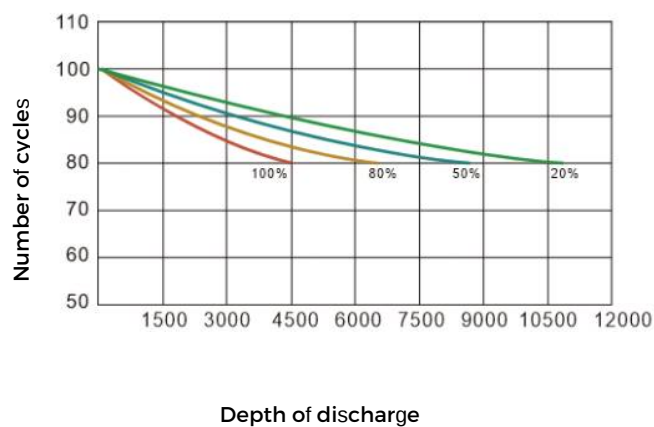
ADDITIONAL ACCESSORIES

- Heating mat*
- Bluetooth
- BMS

WARNINGS

- DO NOT short circuit, crush or disassemble
- DO NOT heat or burn
- DO NOT immerse in any liquid
- Store at a charge level of not less than 50%.
Recharge every 3 months.
- The storage area should be cool, dry and ventilated.

Żywotność akumulatora przy pracy cyklicznej w 25°C



* During charging when the cell temperature is lower than 0 degrees, the heating function will start.
When the temperature is higher than +10 degrees, the heating function will stop.
The heating mat can be used at temperatures down to -20 degrees. The mat works with a charger or solar panels.

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