

BATTERY

LITHIUM-IRON-PHOSPHATE

MAXX**LiFePO₄**
12.8V 200Ah

PARAMETERS

INDEX B0036

Nominal voltage	12.8 V
Nominal capacity	200Ah
Energy	2560 Wh
Self-discharge	<3% / month
Cells	3.2V
Weight	18,8 kg
Dimension	500x185x240 mm



DISCHARGE PARAMETERS

Max. continuous discharge current	250A
Discharge cut-off voltage	≥10 V
Restoration voltage	>11,2 V

CHARGING PARAMETERS

Recommended charging current	40A
Max. charging current	150A
Recommended charging voltage	≤14.6V
Vol. of charge interruption	<14,6 V
Charge restoration voltage	>14 V

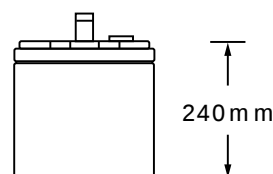
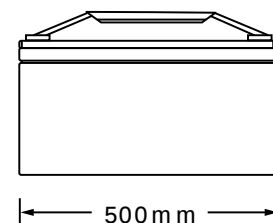
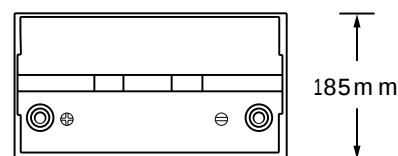
BMS PROTECTION SYSTEM

Cut-off charging voltage	≤ 14,6V
Cut-off discharge voltage	≥ 10V
Excitation voltage	>11V
Cut-off charging/discharging current	305A
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



Images are for illustrative purposes only. The actual appearance of the product may differ slightly from the images shown.

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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

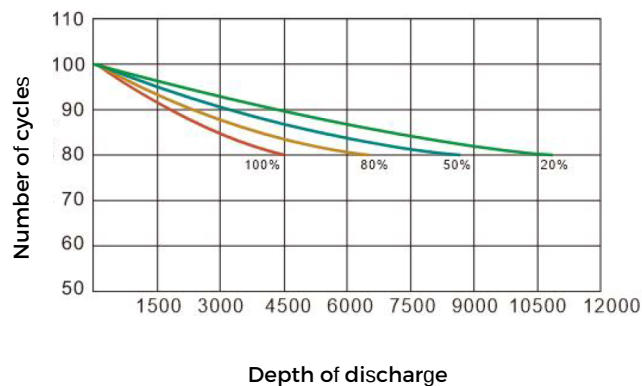
ADDITIONAL ACCESSORIES

- 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.

Battery life in cyclic operation at 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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