

Product information sheet

Product number: 1061001010

Date: 28.04.2026

Page: 1/3



12 V Lithium Battery G4, 100 Ah (1,024 Wh)

Compact and lightweight 12 V lithium battery of the 4th generation with a capacity of 100 Ah (1,280 Wh), CAN communication and integrated battery management system for use as a stand-alone battery solution or for capacity expansion through parallel connection (also with an LPS II).

- // Integrated battery management system
- // Certified according to UN ECE R10
- // Can be used as a capacity extension for the LPS II
- // Parallel connection of up to 32 batteries
- // CAN communication

The 4th generation Lithium Power Pack is a module-based 12 V lithium iron phosphate battery (LiFePO₄/LFP) that ensures reliable energy storage. Thanks to its high capacity of 1000 Ah, it also fulfils demanding applications. The G4 series has an integrated battery management system (BMS) to protect the cells against deep discharge, overcharging and overheating.

Product information sheet

Product number: 1061001010

Date: 28.04.2026

Page: 2/3



Technical Information

| | |
|-------------------------------------|---------------------------------|
| Capacity | 100 Ah (1,280 Wh) * |
| Available Capacity | 80 Ah (1,024 Wh) |
| Cell chemistry | LiFePO4 |
| Charging current, continuous | 100 A |
| Communication | CAN (SAEJ1939) |
| Cooling | Passive |
| Cycle stability (80 % DoD) | > 2,800 |
| Discharge current (1 min.) | 400 A |
| Discharge current, continuous | 175 A |
| I/O connector type | Type A |
| I/O connector type (Terminal) | M4 |
| I/O input voltage | 0 V ... 60 V |
| I/O output current | 400 mA (over current protected) |
| I/O output voltage | 0 V ... 12 V |
| I/O ports | 2x I/O, 1x Input |
| International Protection (IP class) | IP54 |
| Nominal voltage | 12 V |
| Dimensions (L x W x H) | 343 x 197 x 187 mm |
| Weight | 12.2 kg |

*In the chosen option

Product information sheet

Product number: 1061001010

Date: 28.04.2026

Page: 3/3



Technical Information

| | |
|--------------------------------------|-------------------|
| Operating voltage range | 10.8 V ... 14.4 V |
| Parallel connection | 1 ... 32 |
| Self-consumption | < 45 mA |
| Self-consumption (sleep mode) | < 25 mA |

*In the chosen option