

# PB-Li 12-105 L3

Rev.-Nr.: 2.0 | 2023



# POWER BOOST

high power **battery series**

**LFP** LiFePO<sub>4</sub>  
LITHIUM BATTERY



## ELECTRICAL SPECIFICATIONS

|                           |              |
|---------------------------|--------------|
| Nominal Voltage           | 12,8 V       |
| Nominal Capacity          | 105 Ah       |
| Open Circuit Volt. @ 100% | 13,3 V       |
| Energy                    | 1344 Wh      |
| Internal Resistance       | < 50 mΩ      |
| Consumption BMS           | < 100 μA     |
| Self Discharge            | < 3% / month |

## DISCHARGING

|                              |              |
|------------------------------|--------------|
| Max. cont. Discharge Current | 120 A        |
| Peak Discharge Current       | 150 A (30 s) |
| BMS Discharge Cut-Off        | 600 A (3 s)  |
| BMS Cut-Off                  | 10,4 V       |
| Reconnect Voltage            | 11,6 V       |

## TEMPERATURES

|                       |              |
|-----------------------|--------------|
| Discharge Temperature | -20 to +60°C |
| Charge Temperature    | 0 to +65 °C  |
| Storage Temperature   | 0 to +40 °C  |

## COMMUNICATION

|                                    |
|------------------------------------|
| Bluetooth 4.0 with App Android/iOS |
| COM Port for Firmware Update       |

## MECHANICAL SPECIFICATIONS

|                       |                                    |
|-----------------------|------------------------------------|
| Dimensions (LxWxH)    | 278 x 175 x 190 mm                 |
| Weight                | 10,2 kg                            |
| Terminal Type         | Automotive Post                    |
| Case Material         | ABS                                |
| Enclosure Protection  | IP 56                              |
| Cell Type / Chemistry | Prismatic /<br>LiFePO <sub>4</sub> |

## CHARGING

|                        |        |
|------------------------|--------|
| Recomm. Charge Current | 50 A   |
| Max. Charge Current    | 100 A  |
| Recomm. Charge Voltage | 14,6 V |
| BMS Voltage Cut-Off    | 15 V   |

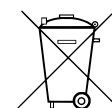
## COMPLIANCE

|                         |                                      |
|-------------------------|--------------------------------------|
| Certificates            | CE<br>UN38.3<br>UL1642 &<br>IEC62133 |
| Shipping Classification | UN 3480, Class 9                     |

Din forhandler



GACELL A/S - Sletten 17 - DK 7500 Holstebro - 961 02 961



LiFePO<sub>4</sub>

valid from 07/2022