



**BMS
integrated**



**IP65
rating**



**CAN
ready**



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information

Technical Details

| | |
|-----------------------------------|--------------------|
| Energy | 1.9 kWh |
| Capacity | 37 Ah |
| Voltage | 48 V |
| Charging Current | 10 A |
| Discharge Current | 35 A |
| Lifespan | up to 2500 cycles |
| Peak Discharge Current | 55 A |
| Certification | UN38.3 / IEC 62133 |
| Nominal Voltage | 50.4 V |
| Max. Continuous Charging Current | 50 A |
| Max. Pulse Charging Current | 60 A |
| Charge Voltage Limit | 59.5 V |
| Capacity up to | 35 Ah |
| Max. Continuous Discharge Current | 300 A |
| Max. Pulse Discharge Current | 600 A |

Dimensions

| | |
|--------|----------|
| Weight | 7.524 kg |
| Length | 364 mm |
| Width | 226 mm |
| Hight | 75 mm |

The allowable storage time is dependent upon the storage temperature. If the battery pack is kept as ex-factory status (50% of charge and in sleep mode), then following allowable storage times are applicable. (= the capacity recovery rate will be more than 80%) :

1 year: 20 - 25°C | 3 months: 20 - 45°C | 1 month: 20 - 60°C

Specification

Parallel switching

Bumper casing

Short circuit protection

Over & under voltage protection & recovery

Over-current protection & recovery (charging & discharge currents)

Over-temperature protection & recovery

Cell balancing

CAN-BUS communication

Data storage

Key switch function

Firmware customisation

Long life settings

Tailored communication protocols

Sleep function settings

Regenerative energy management

Hot plug

Hot swap (medio 2017)