

# Battery Pack AM P4



## Technical Details

Energy	1.9kWh
Capacity	37Ah
Voltage	48V
Charging Current	10A
Discharge Current	35A
Lifespan	up to 1000 cycles
Peak Discharge Current	55A
Certification	UN38.3 / IEC 62133
Nominal Voltage	50.4V
Max. Continuous Charging Current	50A
Max. Pulse Charging Current	60A
Charge Voltage Limit	59.5V
Capacity up to	35Ah
Energy up to	1.764kWh
Max. Continuous Discharge Current	300A
Max. Pulse Discharge Current	600A
min. Discharge Voltage	42V

## Dimensions

Weight	7.524kg
Length	364mm
Width	226mm
Height	75mm

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)