

Module Alpha 48V

12.5 kWh

25.00 Kg

48.0 Volt

Module Overview

High-performance battery module for EV applications.

Pack Data

Cell quantity: 200

Cell weight (kg): 2,5

Gross weight (kg): 25

Nominal capacity (kWh): 12,5

Peak capacity (kWh): 15

Nominal voltage (V): 48

Peak voltage (V): 52

Cutoff voltage (V): 40

Nominal discharge (A): 120

Peak discharge (A): 200

AC/DC charge (A): 150

Nominal charge time (min): 60

Peak DC charge (A): 220

Peak charge time (min): 45

Module Test Overview

Charge Cycle Test

Starting voltage (V): 44,2
Peak charge voltage (V): 52,1
Discharge voltage (V): 41,8
Voltage imbalance max (V): 0,05
Nominal temp (°C): 32,5
Max temp (°C): 40
Min temp (°C): 28
Max discharge (A): 180
Sustained discharge (s): 120
Temp cutoff reached: false
Faults encountered: 0
Fault type: None