



EASy Module

High power 24V LFP Battery Module

25.6 V / 120 Ah / 3.1 kWh

Preliminary

Mechanical Characteristics

Width x Height x Depth	290 mm x 290 mm x 550 mm
Weight	approx. 55 kg
IP Class	IP67

Electrical Characteristics

Cell configuration	3P8S topology based on 40 Ah LFP cells with excellent thermal and chemical stability for increased battery safety
Nominal operating voltage	25.6 V DC
Recommended / Max. charge voltage	28.0 V DC / 28.8 V DC
Recommended / Max. charge current	120 A (1C) / 360 A (3C)
Max. continuous discharge current	600 A (5C)
Max. pulse discharge current (2 s)	2400 A (20C)
Absolute discharge voltage limit	16 V DC (BMS controlled)
Communication interface	CAN, MOD, PROFIBUS (further options possible)

Other

Thermal management	Liquid cooling
Ambient temperature range	- 30°C to + 60°C
1C Cycle life at 20°C and 100% DOD	> 4,000 cycles
1C Cycle life at 20°C and 80% DOD	> 5,000 cycles