



DATASHEET:

8S LifePo4 Module 305 Ah

EV EUROPE



Type	LFP 305 Ah – 8S – 7,8 kWh
Battery Type	LifePo4 with ALU Casing
Nominal voltage	25,6V / 3,2 V (single cell voltage)
Maximum voltage	29,2V / 3,65 V (single cell voltage)
Minimum voltage	20V / 2,5 V (single cell voltage)
Capacity	Min 305 Ah @ 0.1C
Charge / discharge current continuous	150 Ampere
Peak discharging current	300 Ampere
Min / Max discharge temp.	-20 to +55 °C
Min / Max charge temperature	0 to +55 °C
Cycle Life	≥ 4000cycle / 5 years @ 25 ± 3°C, max 80% DOD, 70%EOL
Weight	Ca. 38 kg
Dimensions	586 x 174 x 208 mm
Remarks	Completely assembled module with laser welded busbars, cell wiring, temperature sensors and robust steel casing
Options*	BMS System

*a good functioning Battery Management System is required at all times!

Dimensions