



Battery Module CPS23

For Passenger Electric Vehicles

CARRAR

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The CPS23 battery module with integrated two-phase immersion thermal management offers superior battery performance and supercharging capabilities, enhanced passenger safety from thermal events, and a battery lifetime of over 1 million kilometers.

The module is available in different designs and voltage configurations and meets the highest industry standards and requirements.

Key Features:

- 2.6 KWH ENERGY
- 6.5 KW CHARGING*
- 7.8 KW DISCHARGING*
- 13.1 KG (28.8 LBS)

Technical Specifications:

Capacity	244 Ah
Energy	2.6 kWh
Cell Technology	NMC Pouch 61 Ah
Nominal Voltage	11 V
Max Operation Voltage	12.6 V
Min Operation Voltage	7.5 V
Discharge continues	732 A / 3C / 7.8 kW
Charging continues	610 A / 2.5C / 6.5 kW
Expected lifetime (cycles)	Over 2,400 (@2C , 25°C) Over 4,000 with typical usage
Mass	13.1 kg
Gravimetric Density	200 Wh/kg
Applications	Passenger, High-performance vehicles
Ambient temperature range	-40°C to 70°C