

70 kWh LFP Battery Pack

Technical Specifications



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Energy capacity	70 kWh (LiFePO ₄ , cobalt- and nickel-free)
Voltage	Rated 665 V, minimum 520 V, maximum 750 V
Weight	800 kg
Dimension	1290 x 760 x 690 mm
Lifespan	> 3,000 charge/discharge cycles at 0.5C (80% SOH)
Cooling	Passive; derating begins at 45°C; relays open at +65°C
Instantaneous discharge current (10 s)	250A
Continuous discharge current	100A
Instantaneous charging current (10 s)	100A
Continuous charging current	50A (max 100A)
Standards	UN38.3, IP67, R100.3, R10.6
Power Connector	Designed specifically for swapping, 20,000 cycles (Amphenol ePower family)

BMS Owner	Electrical safety, cell balancing, low-temperature charging management (built-in heating)
Safety Devices	• Interlock on connectors and fuse (circuit does not close if connectors are not connected) • Electrical insulation fault detection on B+ and B- • Thermal runaway detection, vent, and warning signal • Includes a "manual service disconnect" with a replaceable fuse without opening the unit • Two contactors on each terminal (LEV200A4ANA from TE Connectivity)
Communication	CAN (125 to 500 kbaud/s), periodic activation, output power-off standby, integration with an IEC 61851-1 AC terminal
Maintenance	From 100 A (5 kW) to 300 A (120 kW)
Traceability	Supplied - CAN Communication Includes electrical isolation monitoring
Recycling	Included - AC Charge Indicator
Warranty	Covered for 24 months from the date of receipt; coverage may be extended up to 7 years under certain conditions



Ideal for light electric vehicles
High mechanical robustness



Connected
Precious technical data gathering



Repairable
Screwed cell battery tabs



Made in France
Our battery packs are designed and assembled in France. We guarantee our customers high-quality products made locally.