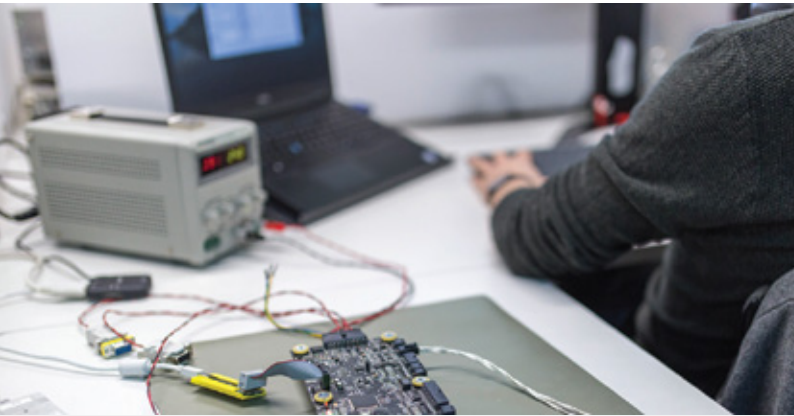
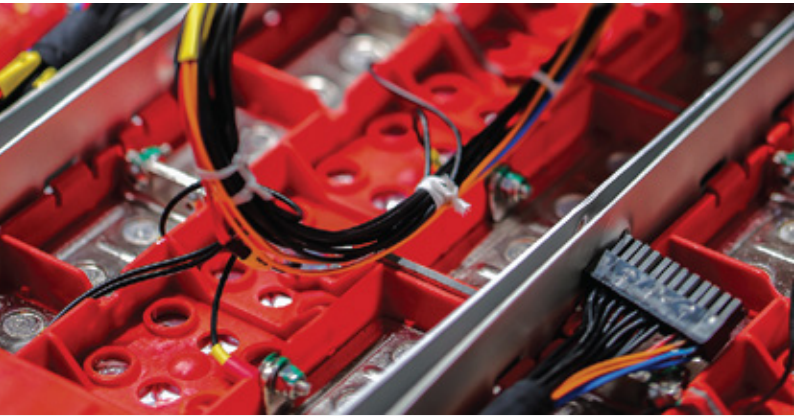


# 60 Series LFP 604 Battery

Energy & Power Optimized Battery Pack

## SYSTEM FEATURES

- ✦ Power and Energy optimized
- ✦ Cycle Life Expectancy > 4000 Cycles
- ✦ Liquid Thermal Management
- ✦ Integrated BMS and CAN 2.0A Controlled
- ✦ Integrated Precharge and Isolation Measurement
- ✦ Parallel Topology for Multiple Packs in One Vehicle
- ✦ Development according to ECER100.2, ECER10 and UN38.3 - possible
- ✦ Development according to ISO26262 upto ASIL C - possible



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**BATTERY PACK SPECIFICATIONS**

ELECTRICAL DATA	VALUE	UNIT
Cell Type	LFP	
Energy (Installed / Usable)	69.1 / 55	kWh
Capacity	200	Ah
Nominal Voltage	345	V
Voltage - min. / max	303 - 453	V
Charge Power Cont.	69	kW
Charge Power Peak @10s	138	kW
Discharge Power Cont.	69	kW
Discharge Power Peak @10s	160	kW
Cycle Life Expectancy @80DOD	> 4000	Cycles

MECHANICAL DATA		
Pressure drop @10l/min and 25°C	< 0.5	bar
Operating Temp. during discharging	-20 ~ 55	°C
Protection classes	IP67	
Weight	690 ± 10	kg
Dimensions	1880 x 700 x 350	mm

**SYSTEM OPTION 1**

**Vehicle PDU**

HV Distribution



**SYSTEM OPTION 2**

**Battery System PDU**

2-8 Parallel Battery Pack



**DIMENSIONS**

