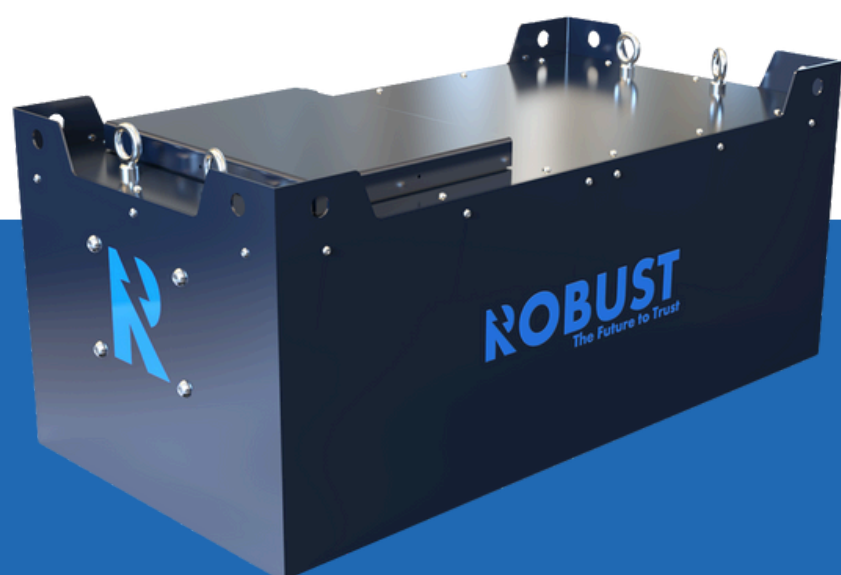


FORKLIFT BATTERY SOLUTIONS

Forklift Battery



Custom-built solutions are available.

CHARACTERISTICS

Model Number	Robust 51.2 V – 105 Ah
Cell Configuration	16S (16 in Series)
Cell Chemistry	LiFePO₄ (LFP)
Nominal Voltage	51.2 V
Voltage Range	40 V – 57.6 V
Rated Capacity	105 Ah
Energy Storage	5,376 Wh (5.38 kWh)
Max. Continuous Discharge	105 A (1C)
Peak Discharge (10s)	210 A (2 C)
Max. Continuous Charge	105 A (1C)
Cycle Life	6000+ cycles @ 80% capacity
Operating Temperature (Chg)	0°C to 55°C
Operating Temperature (Dis)	-20°C to 60°C
Charging Voltage	57.6 V
Charging Current	≤105 A (52.5A / 0.5C recommended)
Weight	454 x 344 x 240 mm
Gross Weight	38–40 kg
Charging Method	CC/CV (Constant Current/Voltage)
Low-Temp Protection	Do not charge below 0°C