



Lithium-Iron-Phosphate Battery LFP1207

- High Energy Density
- Long Cycle Life
- Replaceable with lead-acid systems
- Light weight



SPECIFICATIONS

Jauch part number	252541
Certification	UN 38.3, CE, RoHS, REACH
	Cell: UL1642, IEC62133

ELECTRIC

Nominal Voltage	12.8 V
Rated Capacity	7 Ah (C_5)
Energy	89.6 Wh
Internal Resistance	≤ 100 m Ω
Cycles	2000 times $\geq 80\%$ DOD
Self discharge	$\leq 2\%$ /Month

MECHANICAL

Casing Material	ABS
Flammability	UL94-V0
Configuration	4s2p 26650
Weight	~ 0.94 kg
Terminal	T2

SPECIFICATIONS

ENVIRONMENT

Charge temperature range	0°C ~ 45°C
Discharge temperature range	-20°C ~ 60°C
Storage temperature	0°C to + 60°C
IP protection level	IP54

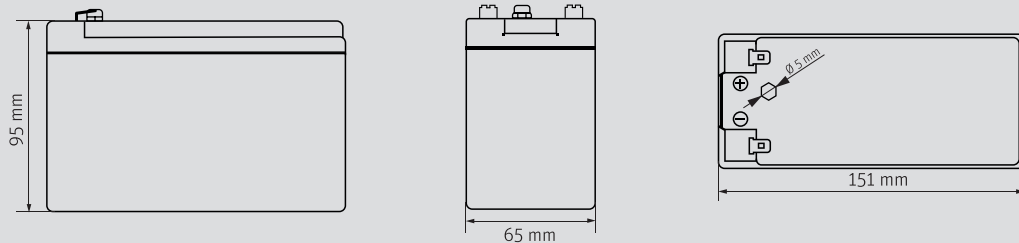
STANDARD CHARGE

Charge voltage	14.4 V $\pm$ 0.15 V
Standard charge current	1.4 A
Maximum charge current	3.5 A
BMS charge cut-off voltage cell	3.9 V $\pm$ 0.05 V

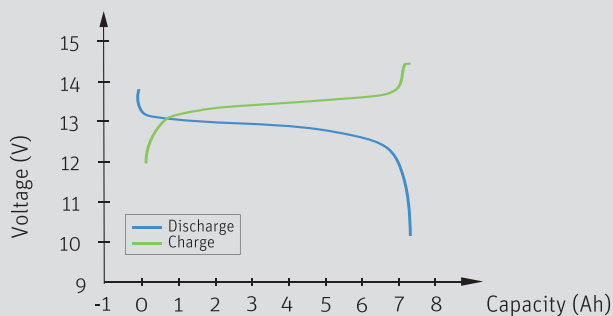
STANDARD DISCHARGE

Discharge current	≤ 3.5 A
Maximum continual discharging currentcell	≤ 7 A
BMS discharge cut-off voltage cell	2.0 V $\pm$ 0.16 V

DIMENSIONS (mm)



CHARGE-DISCHARGE CURVE 0.2C, 25°C



DOD-CYCLES 0.2C, 25°C

