



Lithium-Iron-Phosphate Battery

LFP1212

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

SPECIFICATIONS	
Jauch part number	253073
Certification	UN 38.3, CE, RoHS, REACH
	Cell: UL1642, IEC62133

ELECTRIC

Nominal Voltage	12.8 V
Rated Capacity	12 Ah (C ₂₀)
Energy	153.6 Wh
Internal Resistance	≤50 mΩ
Cycles	2000 times ≥ 80% DOD
Self discharge	≤ 2%/Month

MECHANICAL

Casing Material	ABS
Flammability	UL94-V0
Configuration	4s3p 26650
Weight	~1.39kg
Terminal	T2

SPECIFICATIONS	
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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

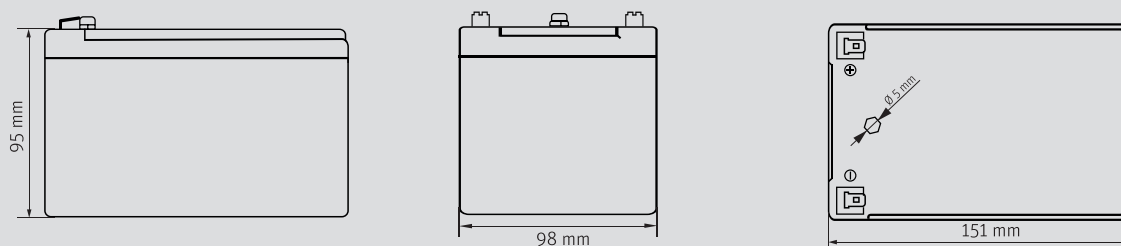
STANDARD CHARGE

Charge voltage	14.4 V ± 0.15 V
Standard charge current	2.4 A
Maximum charge current	6 A
BMS charge cut-off voltage cell	3.9 V ± 0.05 V

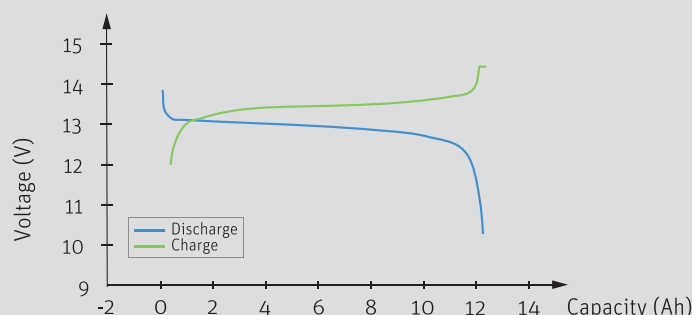
STANDARD DISCHARGE

Discharge current	6 A
Maximum continual discharging currentcell	≤ 12 A
BMS discharge cut-off voltage cell	2.0 V ± 0.16 V

DIMENSIONS (mm)



CHARGE-DISCHARGE CURVE 0.2C, 25°C



DOD-CYCLES 0.2C, 25°C

