



Lithium-Iron-Phosphate Battery LFP1230

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



SPECIFICATIONS

Jauch part number	253084
Certification	UN 38.3, CE, RoHS, REACH
	Cell: UL1642, IEC62133

ELECTRIC

Nominal Voltage	12.8 V
Rated Capacity	30 Ah (C ₅)
Energy	384 Wh
Internal Resistance	≤ 50 mΩ
Cycles	2000 times ≥ 80% DOD
Self discharge	≤ 2%/Month

MECHANICAL

Casing Material	ABS
Flammability	UL94-V0
Configuration	4s8p 26650
Weight	~3.9kg
Terminal	M6

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

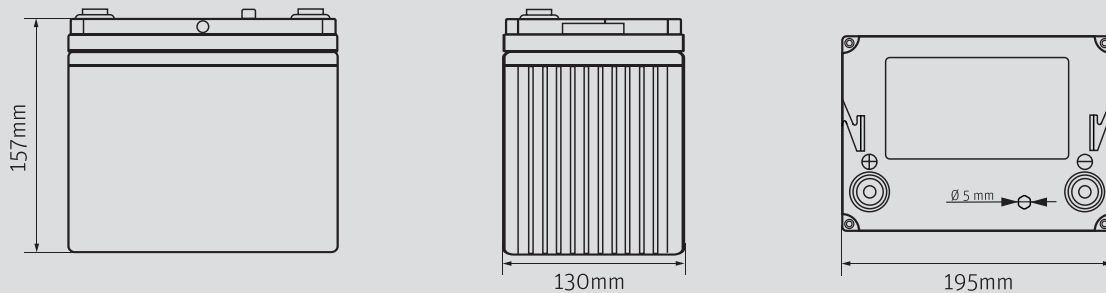
STANDARD CHARGE

Charge voltage	14.4 V ± 0.15 V
Standard charge current	6 A
Maximum charge current	15 A
BMS charge cut-off voltage cell	3.9 V ± 0.05 V

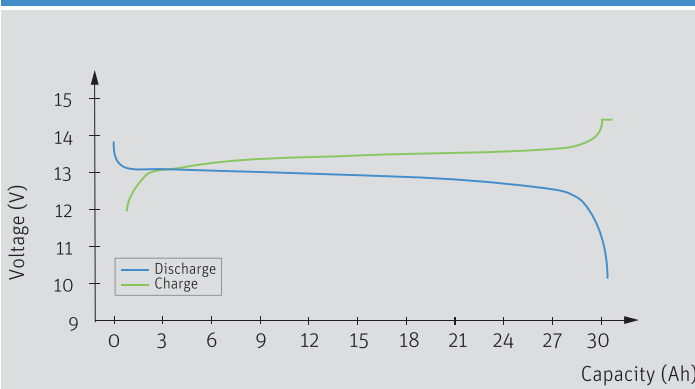
STANDARD DISCHARGE

Discharge current	15 A
Maximum continual discharging currentcell	≤ 30 A
BMS discharge cut-off voltage cell	2.3 V ± 0.16 V

DIMENSIONS (mm)



CHARGE-DISCHARGE CURVE 0.2C, 25°C



DOD-CYCLES 0.2C, 25°C

