



# Lithium-Iron-Phosphate Battery LFP1220

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



## SPECIFICATIONS

Jauch part number	252466
Certification	UN 38.3, CE, RoHS, REACH
	Cell: UL1642, IEC62133

## ELECTRIC

Nominal Voltage	12.8 V
Rated Capacity	20 Ah (C <sub>5</sub> )
Energy	256 Wh
Internal Resistance	≤ 50 mΩ
Cycles	2000 times ≥ 80% DOD
Self discharge	≤ 2%/Month

## MECHANICAL

Casing Material	ABS
Flammability	UL94-V0
Configuration	4s5p 26650
Weight	~2.7kg
Terminal	M6 screwed hole

## 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

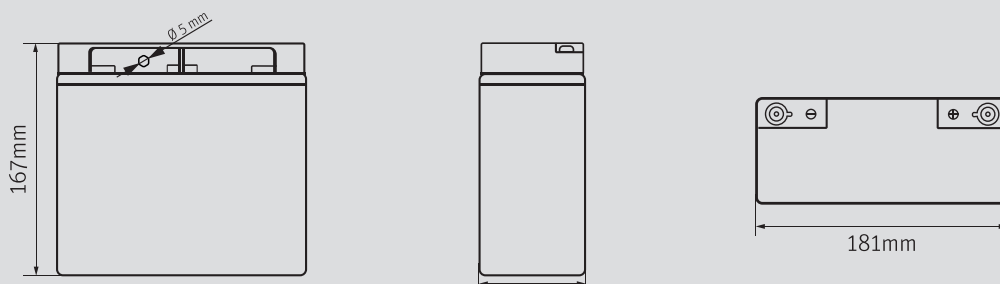
### STANDARD CHARGE

Charge voltage	14.4 V ± 0.15 V
Standard charge current	4 A
Maximum charge current	10 A
BMS charge cut-off voltage cell	3.9 V ± 0.05 V

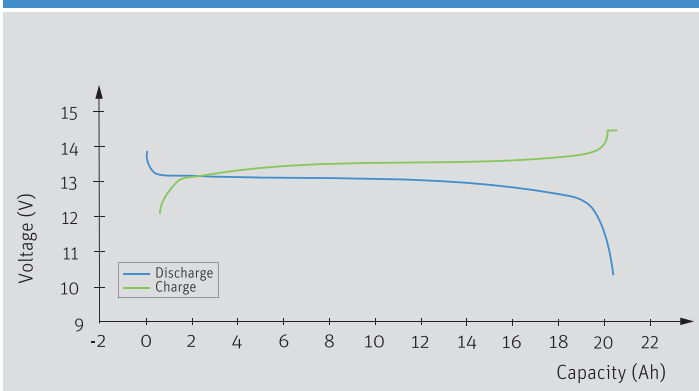
### STANDARD DISCHARGE

Discharge current	10 A
Maximum continual discharging currentcell	≤ 20 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

