



HW-38120HP

Technical Specification

Lithium iron phosphate battery

Specification

Nominal Voltage	3.2V
Nominal Capacity(0.5C,25°C)	8Ah
Weight(Approximate)	335±5g

Standard Discharge

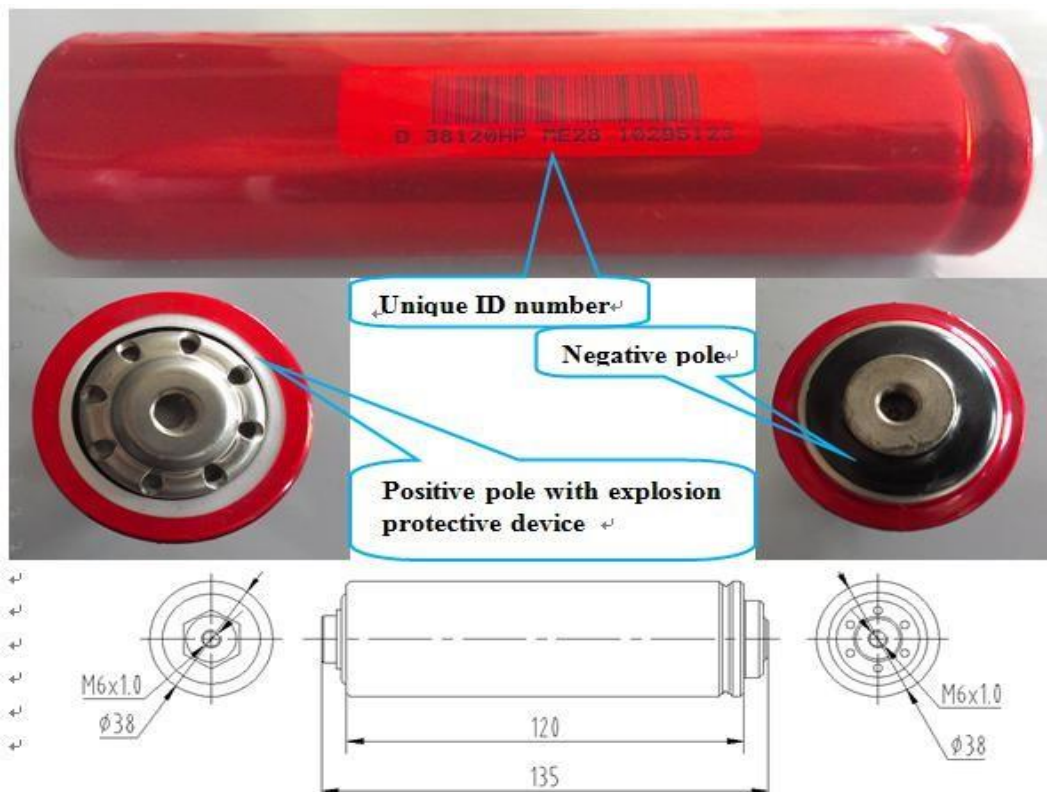
Recommended Discharge Current	40A
Max. Continuous Current	120A
Max. Pulse Current	240A
Cut-off Voltage	2.0V
Temperature rise @ 10C	≤20°C

Standard Charge

Charge Voltage	3.65V
Recommended Charge Current	24A
Max. Charge current	80A
Charge Time	15min (can be customized)
Temperature rise @ 5C	≤10°C

Others

Internal Resistance	≤2.5mOhm
Self-discharge rate	≤2% per month
3C/3C cycle life	≥3000 Times
5C/5C cycle life	≥2000 Times



Check with the real products, the specifications are for reference only. It can be designed according to customer's requirements if necessary.