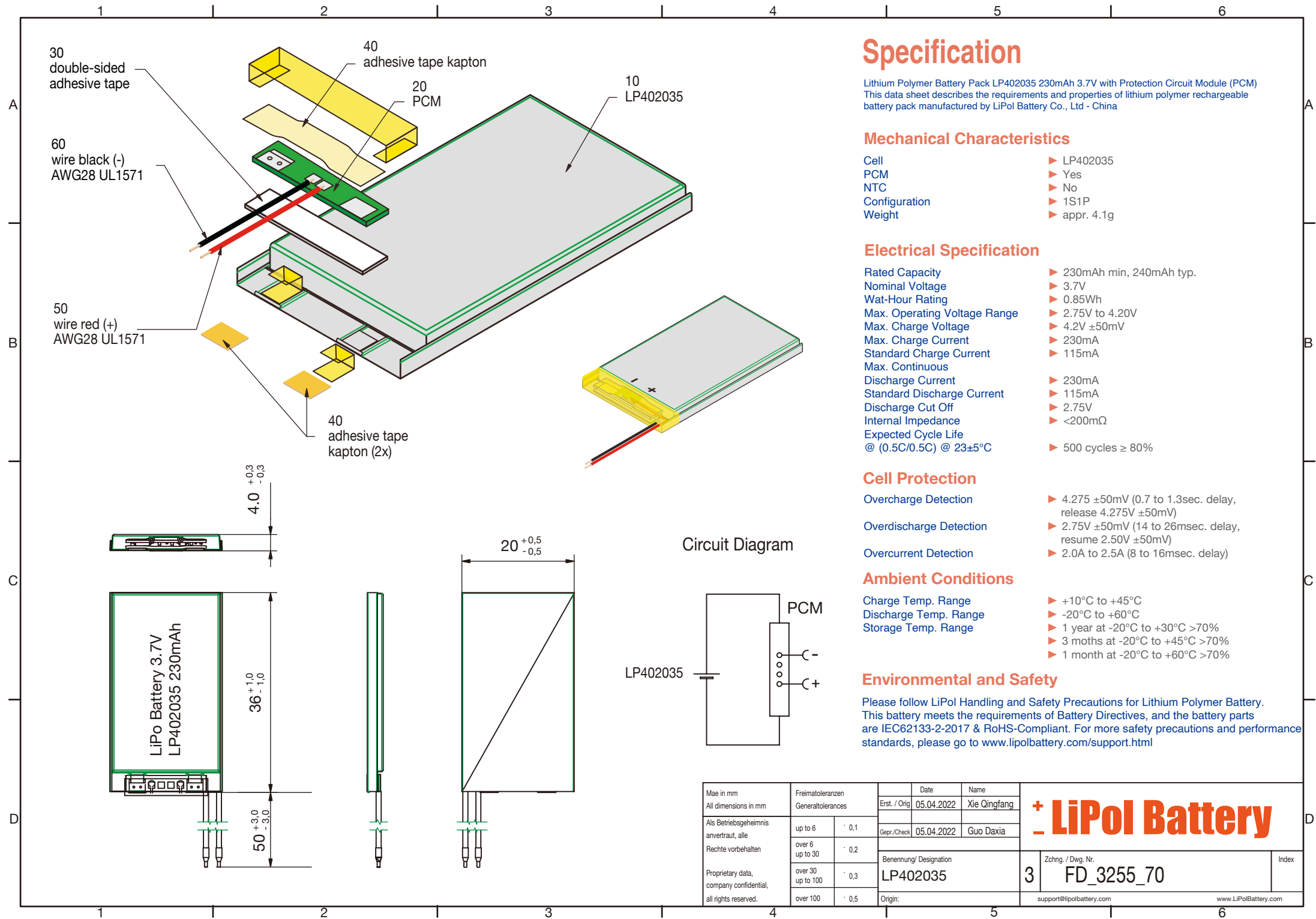




Specification

Lithium Polymer Battery Pack LP402035 230mAh 3.7V with Protection Circuit Module (PCM)
This data sheet describes the requirements and properties of lithium polymer rechargeable battery pack manufactured by LiPol Battery Co., Ltd - China

Mechanical Characteristics

Cell	▶ LP402035
PCM	▶ Yes
NTC	▶ No
Configuration	▶ 1S1P
Weight	▶ appr. 4.1g

Electrical Specification

Rated Capacity	▶ 230mAh min, 240mAh typ.
Nominal Voltage	▶ 3.7V
Wat-Hour Rating	▶ 0.85Wh
Max. Operating Voltage Range	▶ 2.75V to 4.20V
Max. Charge Voltage	▶ 4.2V ±50mV
Max. Charge Current	▶ 230mA
Standard Charge Current	▶ 115mA
Max. Continuous Discharge Current	▶ 230mA
Standard Discharge Current	▶ 115mA
Discharge Cut Off	▶ 2.75V
Internal Impedance	▶ <200mΩ
Expected Cycle Life @ (0.5C/0.5C) @ 23±5°C	▶ 500 cycles ≥ 80%

Cell Protection

Overcharge Detection	▶ 4.275 ±50mV (0.7 to 1.3sec. delay, release 4.275V ±50mV)
Overdischarge Detection	▶ 2.75V ±50mV (14 to 26msec. delay, resume 2.50V ±50mV)
Overcurrent Detection	▶ 2.0A to 2.5A (8 to 16msec. delay)

Ambient Conditions

Charge Temp. Range	▶ +10°C to +45°C
Discharge Temp. Range	▶ -20°C to +60°C
Storage Temp. Range	▶ 1 year at -20°C to +30°C >70%
	▶ 3 months at -20°C to +45°C >70%
	▶ 1 month at -20°C to +60°C >70%

Environmental and Safety

Please follow LiPol Handling and Safety Precautions for Lithium Polymer Battery.
This battery meets the requirements of Battery Directives, and the battery parts are IEC62133-2-2017 & RoHS-Compliant. For more safety precautions and performance standards, please go to www.lipolbattery.com/support.html

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Als Betriebsgeheimnis anvertraut, alle Rechte vorbehalten	up to 6 over 6 up to 30 up to 100 over 100	Gepr./Check 05.04.2022	Guo Daxia		
Proprietary data, company confidential, all rights reserved.	0.1 0.2 0.3 0.5	Benennung/ Designation LP402035	Zchnng. / Dwg. Nr. 3 FD_3255_70	Index	
		Origin:	support@lipolbattery.com	www.LiPolBattery.com	