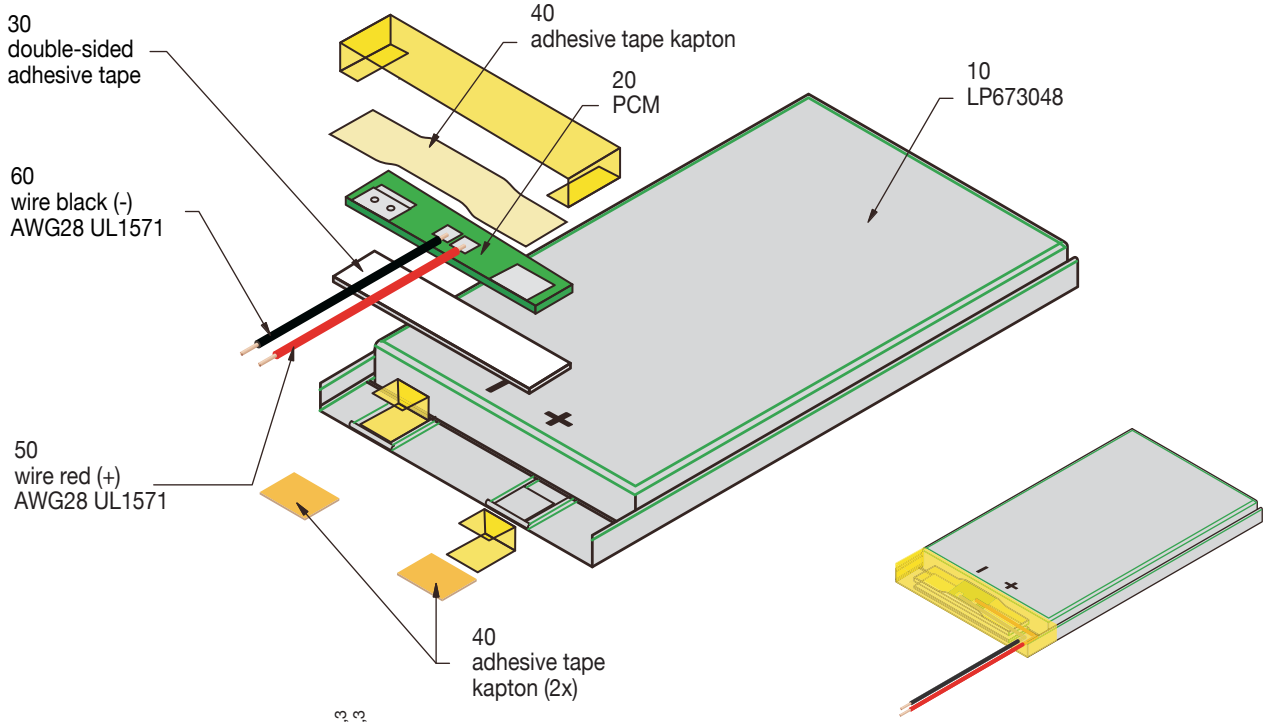
Specification

Lithium Polymer Battery Pack LP673048 1000mAh 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 Chracteristics

Cell	► LP673048
PCM	► Yes
NTC	► No
Configuration	► 1S1P
Weight	► appr. 20g

Electrical Specification

Rated Capacity	► 1000mAh min, 1010mAh typ.
Nominal Voltage	► 3.7V
Wat-Hour Rating	► 3.7Wh
Max. Operating Voltage Range	► 2.75V to 4.20V
Max. Charge Voltage	► 4.2V ±50mV
Max. Charge Current	► 500mA
Max. Continuous Discharge Current	► 1000mA
Discharge Cut Off	► 2.75V
Internal Impedance	► <200mΩ
Expected Cycle Life @ (0.5C/0.5C) @ 23±5°C	► 500 cycles ≥ 80%

Cell Protection

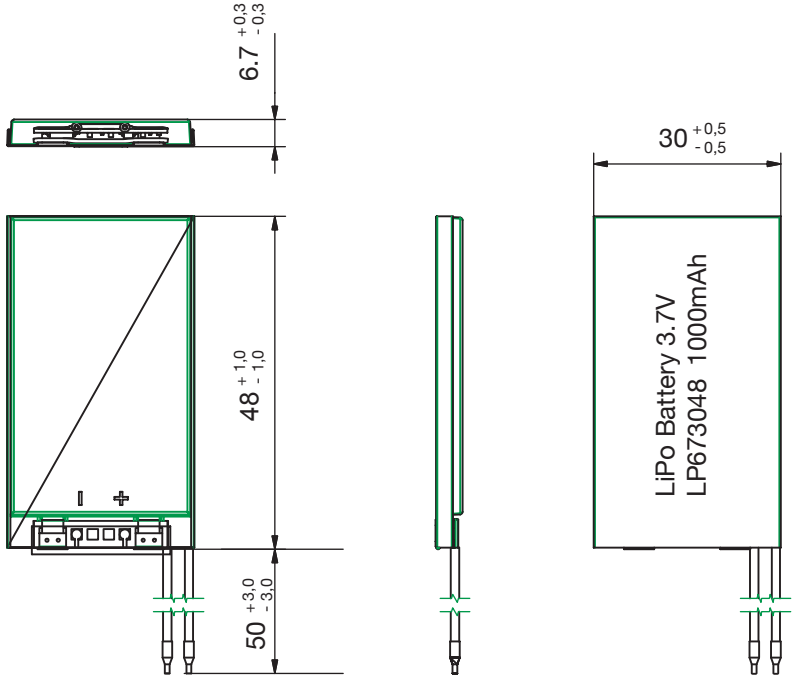
Overcharge Detection	► 4.275V ±50mV (0.7 to 1.3msec. delay, release 4.275V ±50mV)
Overdischarge Detection	► 2.75V ±50mV (14 to 26msec. delay, resume 2.50V ±50mV)
Overcurrent Detection	► 2A to 2.5A (8 to 16msec. delay)

Ambient Conditions

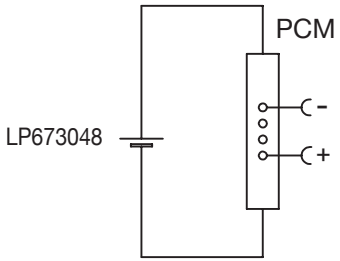
Charge Temp. Range	► 0 to +45°C
Discharge Temp. Range	► -20 to +60°C
Storage Temp. Range	► 1 year at -20 to +30°C >70%
	► 3 moths at -20 to +45°C >70%
	► 1 month at -20 to +60°C >70%
Humidity	► 65 ±20%RH

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 IEC 62133 & RoHS-Compliant. For more satety precautions and performance standards, please go to www.lipolbattery.com/support.html



Circuit Diagram



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			Erst. / Orig	10.09.2019	Xie Qingfang
Als Betriebsgeheimnis anvertraut, alle Rechte vorbehalten	up to 6	` 0,1			
	over 6 up to 30	` 0,2	Gepr./Check	10.09.2019	Guo Daxia
Proprietary data, company confidential, all rights reserved.	over 30 up to 100	` 0,3	Benennung/ Designation	LP673048	
	over 100	` 0,5	Origin:		

LiPol Battery

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