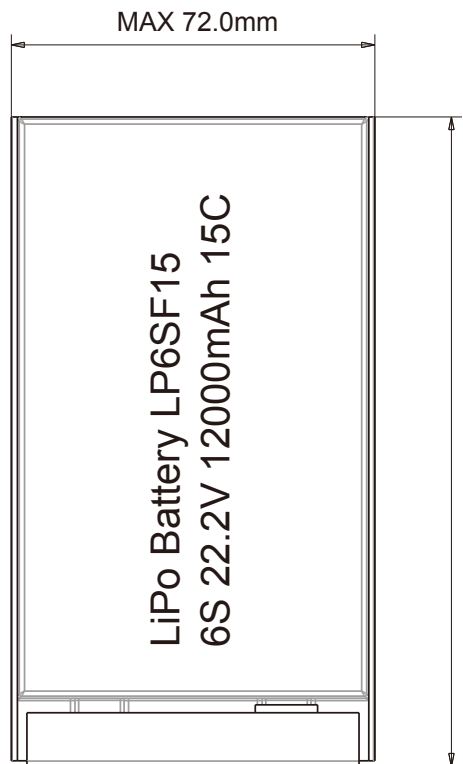


MAX 53.0mm

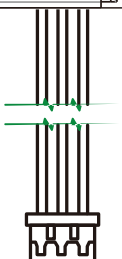


MAX 72.0mm

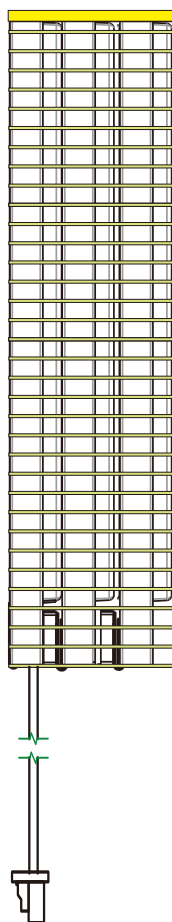
MAX 193.00mm



Connector XT-60 & wires 100mm



Connector JST XHP-7 & wires 50mm



Specification

Lithium Polymer Battery Pack LP6SF15 22.2V 12000mAh without 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 ▶ LPHD5372193
- PCM ▶ No
- NTC ▶ No
- Configuration ▶ 6S1P
- Weight ▶ appr. 1520.0g

Electrical Specification

- Rated Capacity ▶ 12000mAh min, 12040mAh typ.
- Nominal Voltage ▶ 22.2V
- Wat-Hour Rating ▶ 266.4Wh
- Max. Operating Voltage Range ▶ 18.0V to 25.2V
- Max. Charge Voltage ▶ 25.2V ±50mV
- Max. Charge Current ▶ 24A
- Standard Charge Current ▶ 12A
- Max. Continuous Discharge Current ▶ 15C/180A
- Standard Discharge Current ▶ 10C/120A
- Discharge Cut Off ▶ 18.0V
- Internal Impedance ▶ <10mΩ
- Expected Cycle Life @ (0.5C/0.5C) @ 23±5°C ▶ 500 cycles ≥ 80%

Cell Protection

- Overcharge Detection ▶ 26.65V ±50mV
- Overdischarge Detection ▶ 16.8V ±50mV
- Overcurrent Detection ▶ 380A to 400A

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 moths at -20°C to +45°C >70%
- ▶ 1 month at -20°C to +60°C >70%

Mae in mm All dimensions in mm	Freimatoleranzen Generaltolerances		Date	Name	LiPol Battery
	Als Betriebsgeheimnis anvertraut, alle Rechte vorbehalten.	up to 6	· 0,1	Erst./ Orig. 31.07.2023	
over 6 up to 30		· 0,2	Bearb./ Desig.		
Proprietary data, company confidential, all rights reserved.	over 30 up to 100	· 0,3	Gepr./ Check. 31.07.2023	Guo Daxia	
	over 100	· 0,5	Benennung/ Designation		
			LP6SF15		
		Origin:		Zchng. / Dwg.-Nr.	Index
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				www.LiPolBattery.com support@lipoibattery.com	