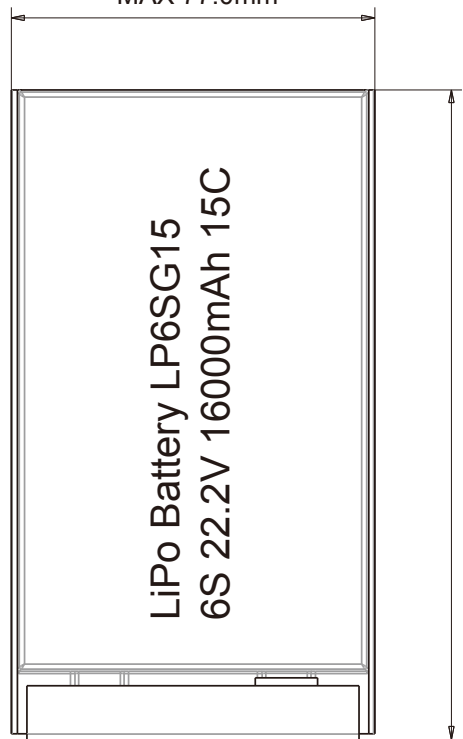


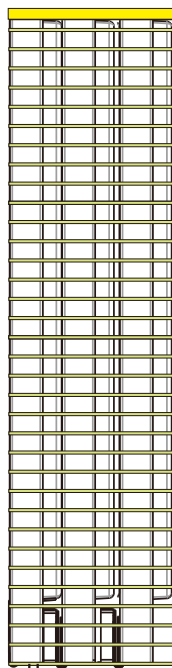
MAX 63.0mm

MAX 77.0mm



LiPo Battery LP6SG15
6S 22.2V 16000mAh 15C

MAX 193.00mm



Specification

Lithium Polymer Battery Pack LP6SG15 22.2V 16000mAh 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	▶ LPHD6377193
PCM	▶ No
NTC	▶ No
Configuration	▶ 6S1P
Weight	▶ appr. 1400.0g

Electrical Specification

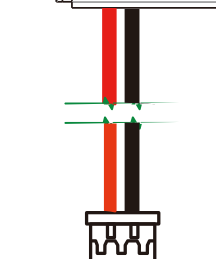
Rated Capacity	▶ 16000mAh min, 16050mAh typ.
Nominal Voltage	▶ 22.2V
Wat-Hour Rating	▶ 355.2Wh
Max. Operating Voltage Range	▶ 18.0V to 25.2V
Max. Charge Voltage	▶ 25.2V ±50mV
Max. Charge Current	▶ 32A
Standard Charge Current	▶ 16A
Max. Continuous Discharge Current	▶ 15C/192A
Standard Discharge Current	▶ 10C/160A
Discharge Cut Off	▶ 18.0V
Internal Impedance	▶ <10mΩ
Expected Cycle Life @ (0.5C/0.5C) @ 23±5°C	▶ 500 cycles ≥ 80%

Cell Protection

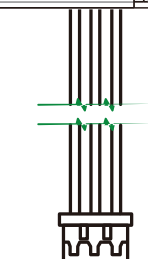
Overcharge Detection	▶ 26.65V ±50mV
Overdischarge Detection	▶ 16.8V ±50mV
Overcurrent Detection	▶ 390A to 400A

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%



Connector XT-60
& wires 100mm



Connector JST XHP-7
& wires 50mm

Mae in mm All dimensions in mm	Freimatoleranzen Generaltoleranzen	Date 31.07.2023	Name Xie Qingfang	LiPol Battery
Als Betriebsgeheimnis anvertraut, alle Rechte vorbehalten.	up to 6 · 0,1	Bearb./ Desig. 31.07.2023	Guo Daxia	
	over 6 up to 30 · 0,2	Benennung/ Designation		
Proprietary data, company confidential, all rights reserved.	over 30 up to 100 · 0,3	LP6SG15		
	over 100 · 0,5	Origin:		Zchng. / Dwg.-Nr. 3 FD_8346_10
				Index

www.LiPolBattery.com

support@lipobattery.com