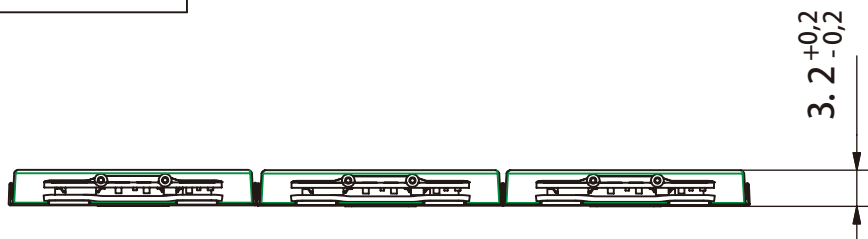
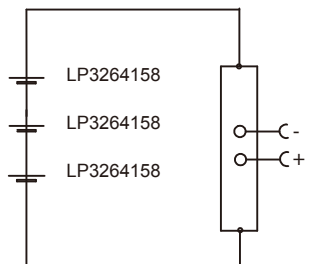


Circuit diagram



Specification

Lithium Polymer Battery Pack LP3264158 3S 11.1V 4200mAh 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

Type number: LP3264158
 Configuration: 3pcs single cells in series
 Length: 158.0 ± 0.4 mm
 Width: 192.0 ± 0.2 mm
 Thickness: 3.2 ± 0.2 mm
 Cable: 100.0 ± 3 mm (24AWG UL 1007)
 Weight approx: 252.0g

Electrical Specification

Rated capacity: 4200mAh min, 4280mAh typ.
 Nominal voltage: 11.1V
 Max. operating voltage range: 9.0V to 12.6V
 Charge voltage: $12.6V \pm 50$ mV
 Initial charge current: Standard charge: 2100mA
 Rapid charge: 4200mA

Charging cut-off: By time
 Standard charge: 22 hours
 Rapid charge: 11 hours

Max continuous discharge current: 4200mA
 Internal impedance (1kHz): approx 50mOhm
 Exp. cycle life: >500 cycles >70% of initial cap. (0.5C/0.5C)
 Cell protection
 Overcharge detection: $12.675V \pm 50$ mV
 (0.7 to 1.3sec. delay, resume $12.275V \pm 50$ mA)
 Overdischarge detection: $9.00V \pm 50$ mV
 (14.0 to 26.0msec. delay, resume $8.80V \pm 100$ mV)

Ambient conditions

Temperature range
 Charge: 0 to $+45^{\circ}C$
 Discharge: -20 to $+60^{\circ}C$
 Charge retention/Storage: 1 year at -20 to $20^{\circ}C$ >70%
 3 month at -20 to $45^{\circ}C$ >70%
 1 month at -20 to $60^{\circ}C$ >70%

Safety

Please follow handling and Safety Precautions Poliflex.

Index		Alteration		Date	Name
Projection: 		Diese Mae werden besonders gepruft This dimensions are considered inspectable		Material 6562378 4659	
Mae in mm	Freimatoleranzen	Date	Name		
All dimensions in mm	Generaltoleranzen	Erst./Orig.	01.08.2021	Xie Qingfang	
Als Betriebsgeheimnis anvertraut, alle Rechte vorbehalten.	up to 6 : 0,1 over 6 up to 30 : 0,2	Bezt./Desig.	01.08.2021	Guo Daxia	
Proprietary data, company confidential, all rights reserved.	over 30 up to 100 : 0,3 over 100 : 0,5	Benennung/ Designation		3 Zchnng. / Dwg.Nr.	
		LP3264158 3S1P		FD_3264_76	
		Origin:	repl.f.:	78265658	repl.by: 84363524
			Alloc.:	LPE369	

Enerforce Battery