

1. GENERAL

Li-lon Battery Pack in shrink sleeve incl. safety circuit, wires and connector Weight: appr. 100g Cell: LIC 18650-22C PCM: PCM 310

PLH 1648-C11

NTC:10kΩ/ 'B' value 3435 ID:None

Configuration: 2P

2 Electrical Specification

Rated Capacity: 4200mAh min, 4400mAh typical Nominal Voltage: 3.7V

Max. Operating Voltage Range: 2.75V to 4.2V

Max. Continuous Charge Current: 1800mA (limited by PCM) Max. Continuous Discharge Current: 1800mA (limited by PCM) Internal Resistance: AC (1kHz) approx. 240mΩ

Exp. Cycle Life:>500 cycles> 60% of initial cap. (0.5C/0.5C)

Cell Protection:

Overcharge Detection: 4.300V ± 0.020V (0.8 to 1.2sec. delay, resume 4.100V ± 0.030V) Overdischarge Detection: 2.400V ± 0.035V (75 to 120msec. delay, resume 2.400V ± 0.035V) Overcurrent Detection: 3.5A to 5.5A (9.6 to 14.4msec, delay)

3. Ambient Conditions

Temperature Range

- -Charge: 0 to +45°C
- -Discharge: -20 to +60°C
- -Storage: 1 year at -20 to 20°C 3 month at -20 to 45°C

1 month at -20 to 60°C

Humidity: 65 ± 20%RH

4. Safety

Please follow Li-Ion Handling and Safety Precautions

These dimensions are considered inspectable

- Battery visible surface to be free from scratches, marks and foreign substances

- Production code printed according to MMYY

1	P050/07	Update PCM designation PLH 1648-C11 was PLH 1648-C4	2007-06-26	Didit				
0	L007/06	Refer to preliminary drawing # P60-10076 rev.000	2006-02-01	Didit				
No	AO No	Revisions 2	Date	Name				
Time Material: Description:								

Customer: Tigershark	Material.				2P/LIC 18650-22C PCM S WC		
Projection:	Refer to part list #693883				with PCM, sleeve and wire connector		
Dimensions in mm	Prepared & Checked		Verified & Approved		Dwg. No:	693883	401
Tolerance: ISO 2768-m	2006-	- dit					
Scale: 1:1 in A3	02-01	Didit			VKB Order No:	56620 502 023	

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