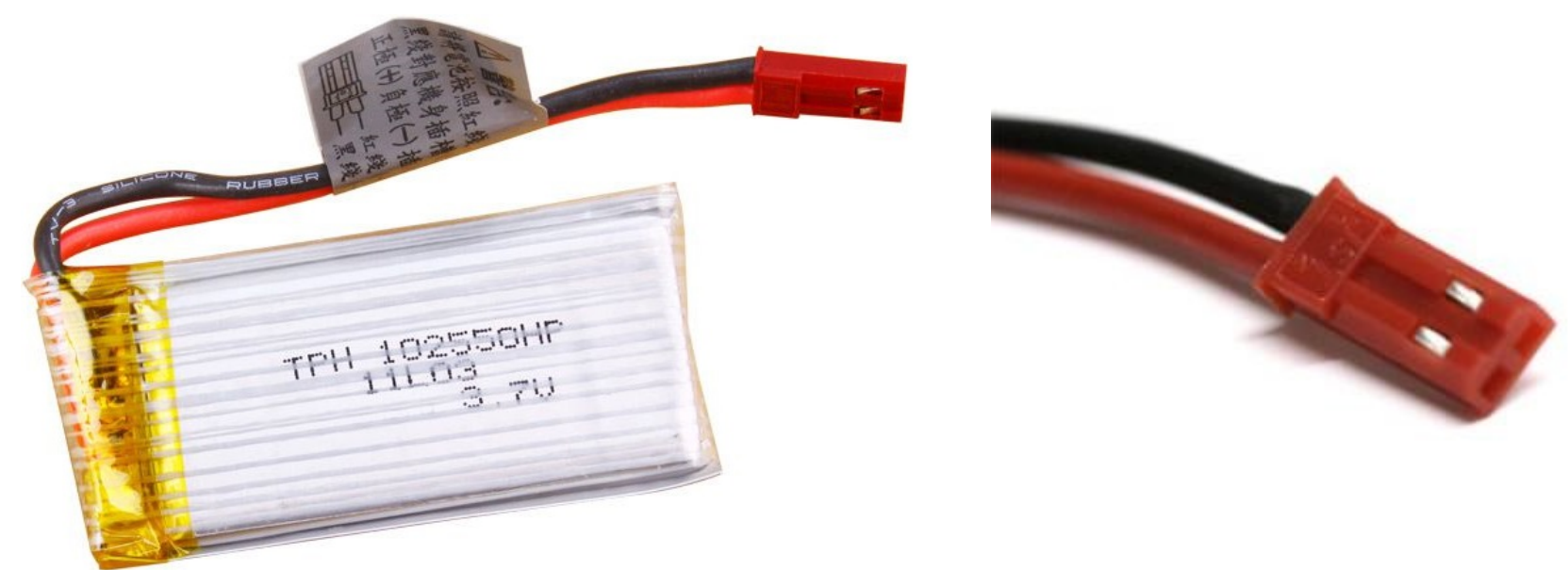
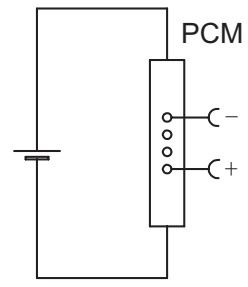
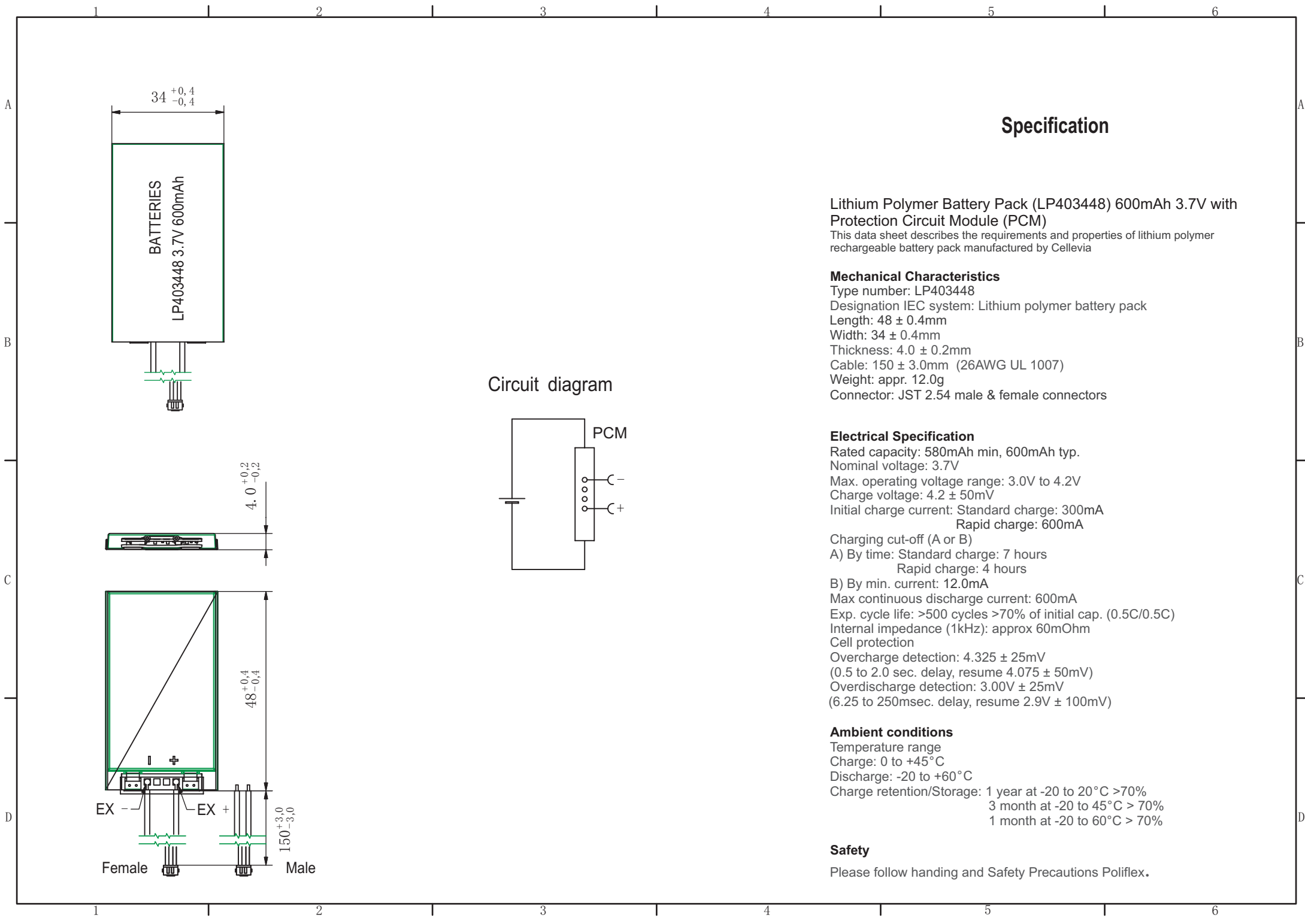


Circuit diagram





Specification

Lithium Polymer Battery Pack (LP403448) 600mAh 3.7V with Protection Circuit Module (PCM)
 This data sheet describes the requirements and properties of lithium polymer rechargeable battery pack manufactured by Cellevia

Mechanical Characteristics
 Type number: LP403448
 Designation IEC system: Lithium polymer battery pack
 Length: 48 ± 0.4 mm
 Width: 34 ± 0.4 mm
 Thickness: 4.0 ± 0.2 mm
 Cable: 150 ± 3.0 mm (26AWG UL 1007)
 Weight: appr. 12.0g
 Connector: JST 2.54 male & female connectors

Electrical Specification
 Rated capacity: 580mAh min, 600mAh typ.
 Nominal voltage: 3.7V
 Max. operating voltage range: 3.0V to 4.2V
 Charge voltage: 4.2 ± 50 mV
 Initial charge current: Standard charge: 300mA
 Rapid charge: 600mA
 Charging cut-off (A or B)
 A) By time: Standard charge: 7 hours
 Rapid charge: 4 hours
 B) By min. current: 12.0mA
 Max continuous discharge current: 600mA
 Exp. cycle life: >500 cycles >70% of initial cap. (0.5C/0.5C)
 Internal impedance (1kHz): approx 60mOhm
 Cell protection
 Overcharge detection: 4.325 ± 25 mV
 (0.5 to 2.0 sec. delay, resume 4.075 ± 50 mV)
 Overdischarge detection: $3.00V \pm 25$ mV
 (6.25 to 250msec. delay, resume $2.9V \pm 100$ mV)

Ambient conditions
 Temperature range
 Charge: 0 to +45°C
 Discharge: -20 to +60°C
 Charge retention/Storage: 1 year at -20 to 20°C >70%
 3 month at -20 to 45°C > 70%
 1 month at -20 to 60°C > 70%

Safety
 Please follow handing and Safety Precautions Poliflex.

Specification

Lithium Polymer Battery Pack (LP502248) 450mAh 3.7V with Protection Circuit Module (PCM)

This data sheet describes the requirements and properties of lithium polymer rechargeable battery pack manufactured by Cellevia

Mechanical Characteristics

Type number: LP502248
 Designation IEC system: Lithium polymer battery pack
 Length: $48 \pm 0.4\text{mm}$
 Width: $22 \pm 0.4\text{mm}$
 Thickness: $5.0 \pm 0.2\text{mm}$
 Cable: $150 \pm 3.0\text{mm}$ (26AWG UL 1007)
 Weight: appr. 9.0g
 Connector: JST 2.54 male & female connectors

Electrical Specification

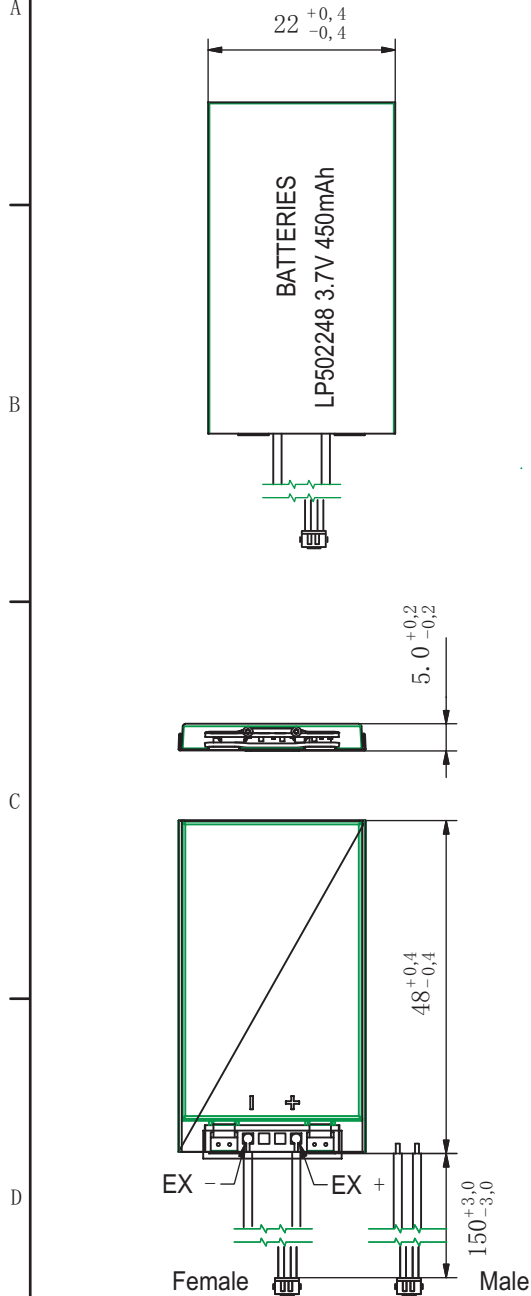
Rated capacity: 450mAh min, 470mAh typ.
 Nominal voltage: 3.7V
 Max. operating voltage range: 3.0V to 4.2V
 Charge voltage: $4.2 \pm 50\text{mV}$
 Initial charge current: Standard charge: 225mA
 Rapid charge: 450mA
 Charging cut-off (A or B)
 A) By time: Standard charge: 7 hours
 Rapid charge: 4 hours
 B) By min. current: 9.0mA
 Max continuous discharge current: 450mA
 Exp. cycle life: >500 cycles >70% of initial cap. (0.5C/0.5C)
 Internal impedance (1kHz): approx 78mOhm
 Cell protection
 Overcharge detection: $4.325 \pm 25\text{mV}$
 (0.5 to 2.0 sec. delay, resume $4.075 \pm 50\text{mV}$)
 Overdischarge detection: $3.00\text{V} \pm 25\text{mV}$
 (6.25 to 250msec. delay, resume $2.9\text{V} \pm 100\text{mV}$)

Ambient conditions

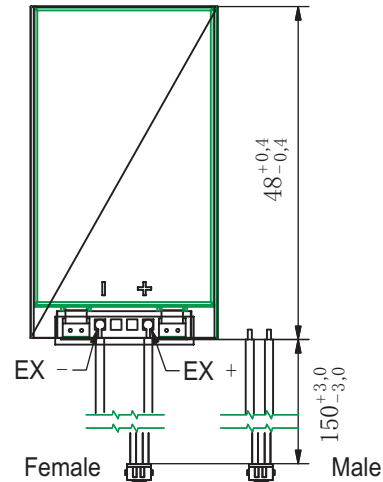
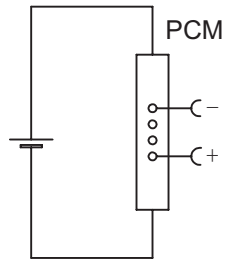
Temperature range
 Charge: 0 to $+45^\circ\text{C}$
 Discharge: -20 to $+60^\circ\text{C}$
 Charge retention/Storage: 1 year at -20 to 20°C >70%
 3 month at -20 to 45°C > 70%
 1 month at -20 to 60°C > 70%

Safety

Please follow handing and Safety Precautions Poliflex.



Circuit diagram



Specification

Lithium Polymer Battery Pack (LP503040) 550mAh 3.7V with Protection Circuit Module (PCM)

This data sheet describes the requirements and properties of lithium polymer rechargeable battery pack manufactured by Cellevia

Mechanical Characteristics

Type number: LP503040
 Designation IEC system: Lithium polymer battery pack
 Length: 40 ± 0.4 mm
 Width: 30 ± 0.4 mm
 Thickness: 5.0 ± 0.2 mm
 Cable: 150 ± 3.0 mm (26AWG UL 1007)
 Weight: appr. 11.0g
 Connector: JST 2.54 male & female connectors

Electrical Specification

Rated capacity: 550mAh min, 580mAh typ.
 Nominal voltage: 3.7V
 Max. operating voltage range: 3.0V to 4.2V
 Charge voltage: 4.2 ± 50 mV
 Initial charge current: Standard charge: 275mA
 Rapid charge: 550mA
 Charging cut-off (A or B)
 A) By time: Standard charge: 7 hours
 Rapid charge: 4 hours
 B) By min. current: 11.0mA
 Max continuous discharge current: 550mA
 Exp. cycle life: >500 cycles >70% of initial cap. (0.5C/0.5C)
 Internal impedance (1kHz): approx 67mOhm
 Cell protection
 Overcharge detection: 4.325 ± 25 mV
 (0.5 to 2.0 sec. delay, resume 4.075 ± 50 mV)
 Overdischarge detection: $3.00V \pm 25$ mV
 (6.25 to 250msec. delay, resume $2.9V \pm 100$ mV)

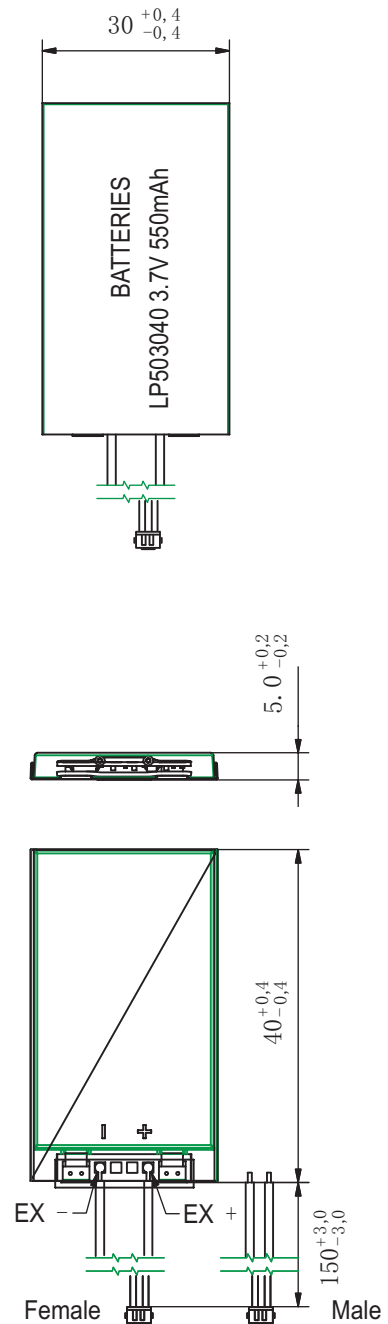
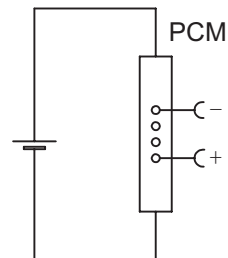
Ambient conditions

Temperature range
 Charge: 0 to +45°C
 Discharge: -20 to +60°C
 Charge retention/Storage: 1 year at -20 to 20°C >70%
 3 month at -20 to 45°C >70%
 1 month at -20 to 60°C >70%

Safety

Please follow handling and Safety Precautions Poliflex.

Circuit diagram



Specification

Lithium Polymer Battery Pack (LP403448) 600mAh 3.7V with Protection Circuit Module (PCM)

This data sheet describes the requirements and properties of lithium polymer rechargeable battery pack manufactured by Cellevia

Mechanical Characteristics

Type number: LP403448
 Designation IEC system: Lithium polymer battery pack
 Length: $48 \pm 0.4\text{mm}$
 Width: $34 \pm 0.4\text{mm}$
 Thickness: $4.0 \pm 0.2\text{mm}$
 Cable: $150 \pm 3.0\text{mm}$ (26AWG UL 1007)
 Weight: appr. 12.0g
 Connector: JST 2.54 male & female connectors

Electrical Specification

Rated capacity: 580mAh min, 600mAh typ.
 Nominal voltage: 3.7V
 Max. operating voltage range: 3.0V to 4.2V
 Charge voltage: $4.2 \pm 50\text{mV}$
 Initial charge current: Standard charge: 300mA
 Rapid charge: 600mA
 Charging cut-off (A or B)
 A) By time: Standard charge: 7 hours
 Rapid charge: 4 hours
 B) By min. current: 12.0mA
 Max continuous discharge current: 600mA
 Exp. cycle life: >500 cycles >70% of initial cap. (0.5C/0.5C)
 Internal impedance (1kHz): approx 60mOhm
 Cell protection
 Overcharge detection: $4.325 \pm 25\text{mV}$
 (0.5 to 2.0 sec. delay, resume $4.075 \pm 50\text{mV}$)
 Overdischarge detection: $3.00\text{V} \pm 25\text{mV}$
 (6.25 to 250msec. delay, resume $2.9\text{V} \pm 100\text{mV}$)

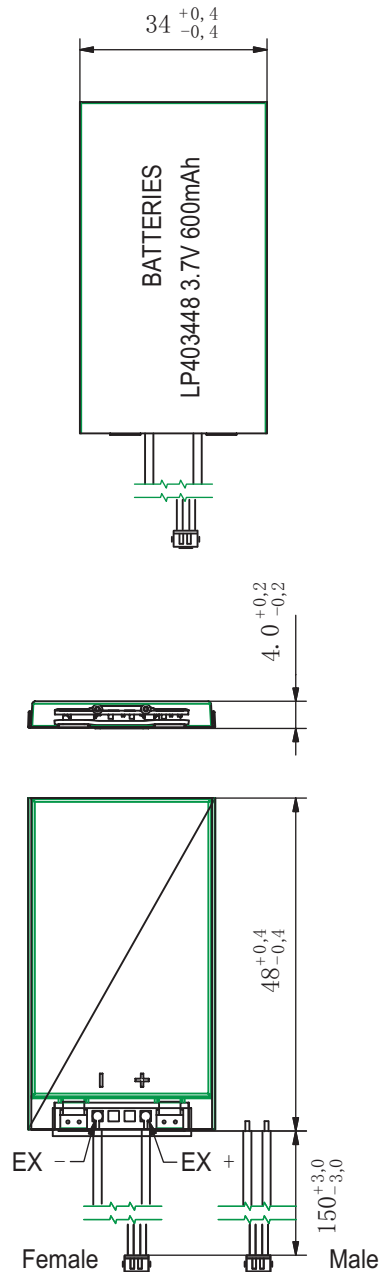
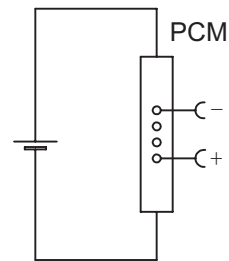
Ambient conditions

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

Safety

Please follow handling and Safety Precautions Poliflex.

Circuit diagram



Specification

Lithium Polymer Battery Pack (LP443450) 750mAh 3.7V with Protection Circuit Module (PCM)

This data sheet describes the requirements and properties of lithium polymer rechargeable battery pack manufactured by Cellevia

Mechanical Characteristics

Type number: LP443450
 Designation IEC system: Lithium polymer battery pack
 Length: 50 ± 0.4 mm
 Width: 34 ± 0.4 mm
 Thickness: 4.4 ± 0.2 mm
 Cable: 150 ± 3.0 mm (26AWG UL 1007)
 Weight: appr. 15.0g
 Connector: JST 2.54 male & female connectors

Electrical Specification

Rated capacity: 750mAh min, 780mAh typ.
 Nominal voltage: 3.7V
 Max. operating voltage range: 3.0V to 4.2V
 Charge voltage: 4.2 ± 50 mV
 Initial charge current: Standard charge: 375mA
 Rapid charge: 750mA
 Charging cut-off (A or B)
 A) By time: Standard charge: 7 hours
 Rapid charge: 4 hours
 B) By min. current: 15.0mA
 Max continuous discharge current: 750mA
 Exp. cycle life: >500 cycles >70% of initial cap. (0.5C/0.5C)
 Internal impedance (1kHz): approx 50mOhm
 Cell protection
 Overcharge detection: 4.325 ± 25 mV
 (0.5 to 2.0 sec. delay, resume 4.075 ± 50 mV)
 Overdischarge detection: $3.00V \pm 25$ mV
 (6.25 to 250msec. delay, resume $2.9V \pm 100$ mV)

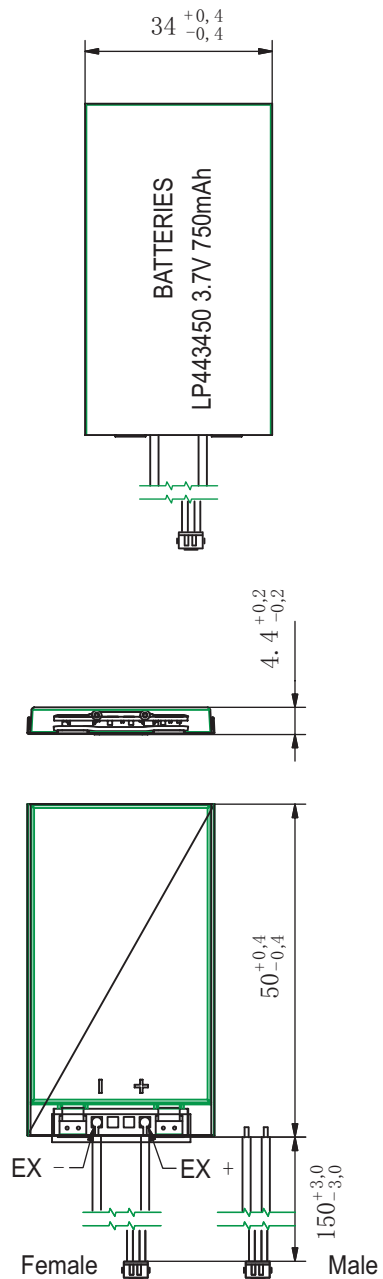
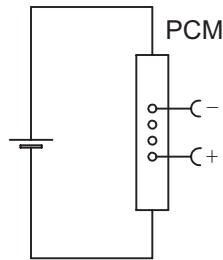
Ambient conditions

Temperature range
 Charge: 0 to +45°C
 Discharge: -20 to +60°C
 Charge retention/Storage: 1 year at -20 to 20°C >70%
 3 month at -20 to 45°C > 70%
 1 month at -20 to 60°C > 70%

Safety

Please follow handling and Safety Precautions Poliflex.

Circuit diagram



Specification

Lithium Polymer Battery Pack (LP603048) 850mAh 3.7V with Protection Circuit Module (PCM)

This data sheet describes the requirements and properties of lithium polymer rechargeable battery pack manufactured by Cellevia

Mechanical Characteristics

Type number: LP603048
 Designation IEC system: Lithium polymer battery pack
 Length: 48 ± 0.4 mm
 Width: 30 ± 0.4 mm
 Thickness: 6.0 ± 0.2 mm
 Cable: 150 ± 3.0 mm (26AWG UL 1007)
 Weight: appr. 18.0g
 Connector: JST 2.54 male & female connectors

Electrical Specification

Rated capacity: 850mAh min, 880mAh typ.
 Nominal voltage: 3.7V
 Max. operating voltage range: 3.0V to 4.2V
 Charge voltage: 4.2 ± 50 mV
 Initial charge current: Standard charge: 425mA
 Rapid charge: 850mA
 Charging cut-off (A or B)
 A) By time: Standard charge: 7 hours
 Rapid charge: 4 hours
 B) By min. current: 17.0mA
 Max continuous discharge current: 850mA
 Exp. cycle life: >500 cycles >70% of initial cap. (0.5C/0.5C)
 Internal impedance (1kHz): approx 52mOhm
 Cell protection
 Overcharge detection: 4.325 ± 25 mV
 (0.5 to 2.0 sec. delay, resume 4.075 ± 50 mV)
 Overdischarge detection: $3.00V \pm 25$ mV
 (6.25 to 250msec. delay, resume $2.9V \pm 100$ mV)

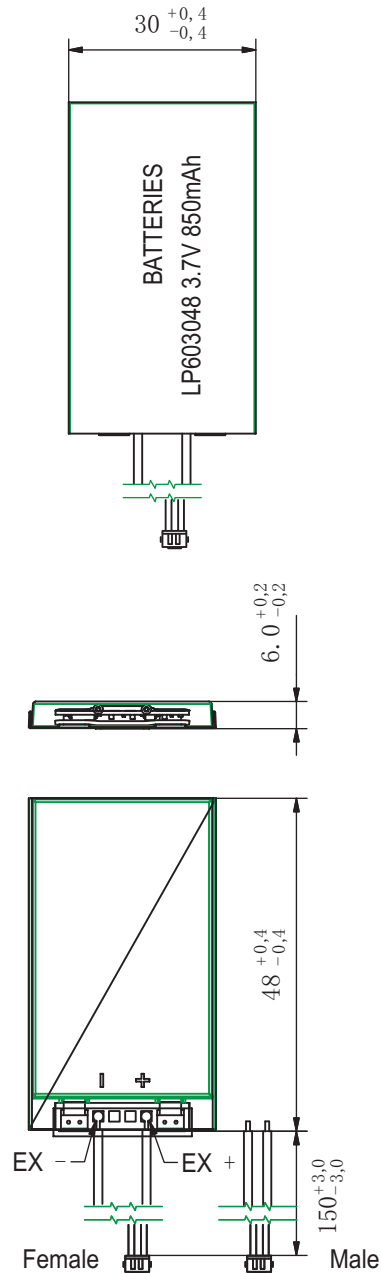
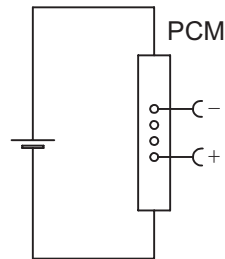
Ambient conditions

Temperature range
 Charge: 0 to +45°C
 Discharge: -20 to +60°C
 Charge retention/Storage: 1 year at -20 to 20°C >70%
 3 month at -20 to 45°C > 70%
 1 month at -20 to 60°C > 70%

Safety

Please follow handling and Safety Precautions Poliflex.

Circuit diagram



Specification

Lithium Polymer Battery Pack (LP573450) 980mAh 3.7V with Protection Circuit Module (PCM)

This data sheet describes the requirements and properties of lithium polymer rechargeable battery pack manufactured by Cellevia

Mechanical Characteristics

Type number: LP573450
 Designation IEC system: Lithium polymer battery pack
 Length: 50 ± 0.4 mm
 Width: 34 ± 0.4 mm
 Thickness: 5.7 ± 0.2 mm
 Cable: 150 ± 3.0 mm (26AWG UL 1007)
 Weight: appr. 19.5g
 Connector: JST 2.54 male & female connectors

Electrical Specification

Rated capacity: 980mAh min, 1020mAh typ.
 Nominal voltage: 3.7V
 Max. operating voltage range: 3.0V to 4.2V
 Charge voltage: 4.2 ± 50 mV
 Initial charge current: Standard charge: 490mA
 Rapid charge: 980mA

Charging cut-off (A or B)

A) By time: Standard charge: 7 hours
 Rapid charge: 4 hours

B) By min. current: 19.6mA

Max continuous discharge current: 980mA

Exp. cycle life: >500 cycles >70% of initial cap. (0.5C/0.5C)

Internal impedance (1kHz): approx 25mOhm

Cell protection

Overcharge detection: 4.325 ± 25 mV

(0.5 to 2.0 sec. delay, resume 4.075 ± 50 mV)

Overdischarge detection: 3.00 ± 25 mV

(6.25 to 250msec. delay, resume 2.9 ± 100 mV)

Ambient conditions

Temperature range

Charge: 0 to +45°C

Discharge: -20 to +60°C

Charge retention/Storage: 1 year at -20 to 20°C >70%

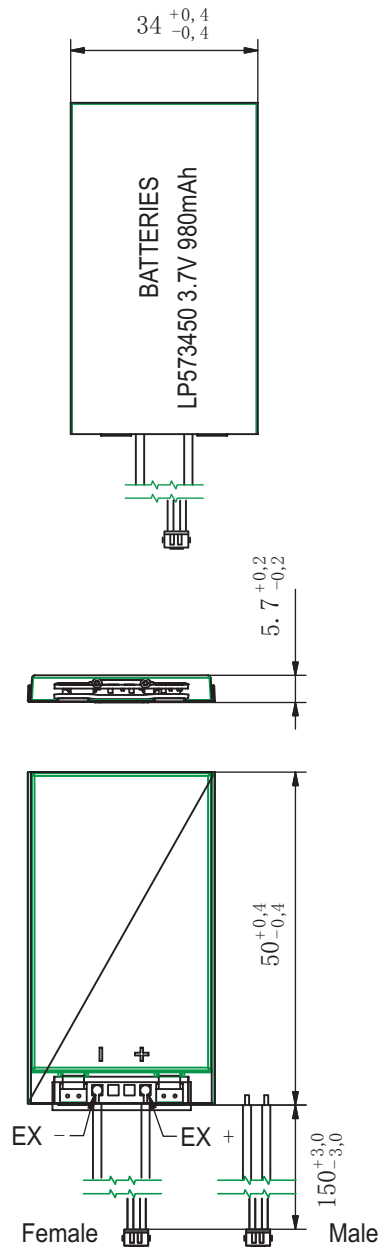
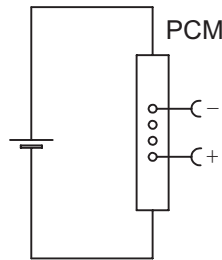
3 month at -20 to 45°C > 70%

1 month at -20 to 60°C > 70%

Safety

Please follow handing and Safety Precautions Poliflex.

Circuit diagram



Specification

Lithium Polymer Battery Pack (LP503759) 1350mAh 3.7V with Protection Circuit Module (PCM)

This data sheet describes the requirements and properties of lithium polymer rechargeable battery pack manufactured by Cellevia

Mechanical Characteristics

Type number: LP503759
 Designation IEC system: Lithium polymer battery pack
 Length: 59 ± 0.4 mm
 Width: 37 ± 0.4 mm
 Thickness: 5.0 ± 0.2 mm
 Cable: 150 ± 3.0 mm (26AWG UL 1007)
 Weight: appr. 28.0g
 Connector: JST 2.54 male & female connectors

Electrical Specification

Rated capacity: 1350mAh min, 1380mAh typ.
 Nominal voltage: 3.7V
 Max. operating voltage range: 3.0V to 4.2V
 Charge voltage: 4.2 ± 50 mV
 Initial charge current: Standard charge: 675mA
 Rapid charge: 1350mA
 Charging cut-off (A or B)
 A) By time: Standard charge: 7 hours
 Rapid charge: 4 hours
 B) By min. current: 27.0mA
 Max continuous discharge current: 1350mA
 Exp. cycle life: >500 cycles >70% of initial cap. (0.5C/0.5C)
 Internal impedance (1kHz): approx 47mOhm
 Cell protection
 Overcharge detection: 4.325 ± 25 mV
 (0.5 to 2.0 sec. delay, resume 4.075 ± 50 mV)
 Overdischarge detection: $3.00V \pm 25$ mV
 (6.25 to 250msec. delay, resume $2.9V \pm 100$ mV)

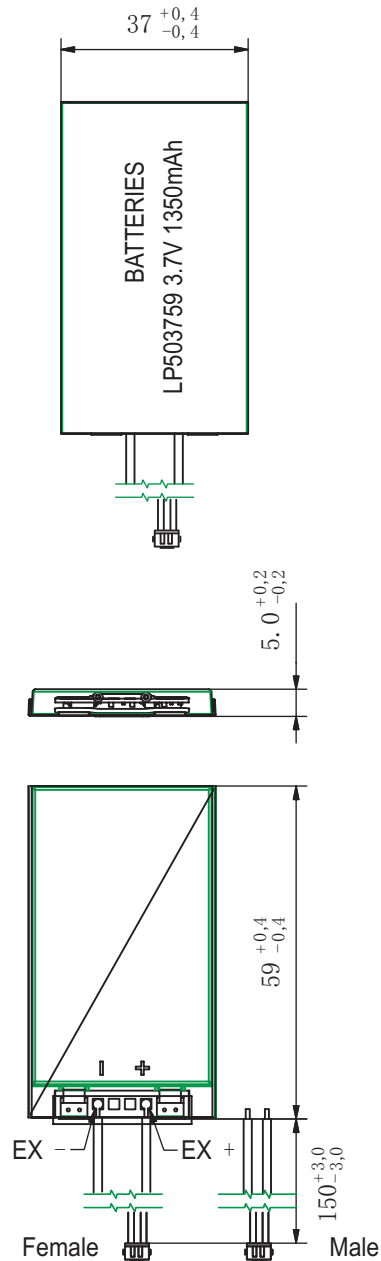
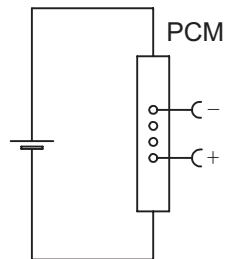
Ambient conditions

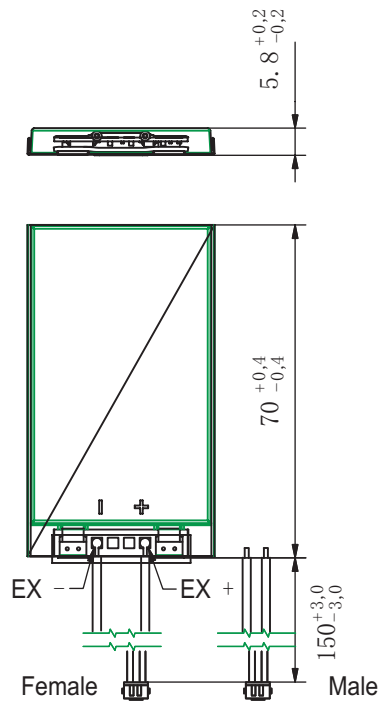
Temperature range
 Charge: 0 to +45°C
 Discharge: -20 to +60°C
 Charge retention/Storage: 1 year at -20 to 20°C >70%
 3 month at -20 to 45°C > 70%
 1 month at -20 to 60°C > 70%

Safety

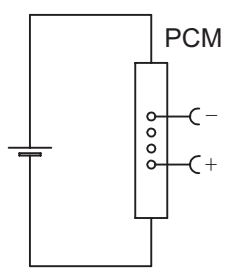
Please follow handling and Safety Precautions Poliflex.

Circuit diagram





Circuit diagram



Specification

Lithium Polymer Battery Pack (LP584070) 1500mAh 3.7V with Protection Circuit Module (PCM)

This data sheet describes the requirements and properties of lithium polymer rechargeable battery pack manufactured by Cellevia

Mechanical Characteristics

- Type number: LP584070
- Designation IEC system: Lithium polymer battery pack
- Length: $70 \pm 0.4\text{mm}$
- Width: $40 \pm 0.4\text{mm}$
- Thickness: $5.8 \pm 0.2\text{mm}$
- Cable: $150 \pm 3.0\text{mm}$ (26AWG UL 1007)
- Weight: appr. 30.0g
- Connector: JST 2.54 male & female connectors

Electrical Specification

- Rated capacity: 1480mAh min, 1500mAh typ.
- Nominal voltage: 3.7V
- Max. operating voltage range: 3.0V to 4.2V
- Charge voltage: $4.2 \pm 50\text{mV}$
- Initial charge current: Standard charge: 750mA
Rapid charge: 1500mA
- Charging cut-off (A or B)
- A) By time: Standard charge: 7 hours
Rapid charge: 4 hours
- B) By min. current: 30.0mA
- Max continuous discharge current: 1500mA
- Exp. cycle life: >500 cycles >70% of initial cap. (0.5C/0.5C)
- Internal impedance (1kHz): approx 43mOhm
- Cell protection
- Overcharge detection: $4.325 \pm 25\text{mV}$
(0.5 to 2.0 sec. delay, resume $4.075 \pm 50\text{mV}$)
- Overdischarge detection: $3.00\text{V} \pm 25\text{mV}$
(6.25 to 250msec. delay, resume $2.9\text{V} \pm 100\text{mV}$)

Ambient conditions

- Temperature range
- Charge: 0 to +45°C
- Discharge: -20 to +60°C
- Charge retention/Storage: 1 year at -20 to 20°C >70%
3 month at -20 to 45°C > 70%
1 month at -20 to 60°C > 70%

Safety

Please follow handing and Safety Precautions Poliflex.

Specification

Lithium Polymer Battery Pack (LP903450) 1600mAh 3.7V with Protection Circuit Module (PCM)

This data sheet describes the requirements and properties of lithium polymer rechargeable battery pack manufactured by Cellevia

Mechanical Characteristics

Type number: LP903450
 Designation IEC system: Lithium polymer battery pack
 Length: $50 \pm 0.4\text{mm}$
 Width: $34 \pm 0.4\text{mm}$
 Thickness: $9.0 \pm 0.2\text{mm}$
 Cable: $150 \pm 3.0\text{mm}$ (26AWG UL 1007)
 Weight: appr. 31.5g
 Connector: JST 2.54 male & female connectors

Electrical Specification

Rated capacity: 1600mAh min, 1650mAh typ.
 Nominal voltage: 3.7V
 Max. operating voltage range: 3.0V to 4.2V
 Charge voltage: $4.2 \pm 50\text{mV}$
 Initial charge current: Standard charge: 800mA
 Rapid charge: 1600mA
 Charging cut-off (A or B)
 A) By time: Standard charge: 7 hours
 Rapid charge: 4 hours
 B) By min. current: 32.0mA
 Max continuous discharge current: 1600mA
 Exp. cycle life: >500 cycles >70% of initial cap. (0.5C/0.5C)
 Internal impedance (1kHz): approx 38mOhm
 Cell protection
 Overcharge detection: $4.325 \pm 25\text{mV}$
 (0.5 to 2.0 sec. delay, resume $4.075 \pm 50\text{mV}$)
 Overdischarge detection: $3.00\text{V} \pm 25\text{mV}$
 (6.25 to 250msec. delay, resume $2.9\text{V} \pm 100\text{mV}$)

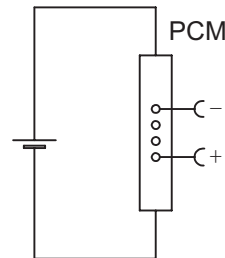
Ambient conditions

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

Safety

Please follow handing and Safety Precautions Poliflex.

Circuit diagram

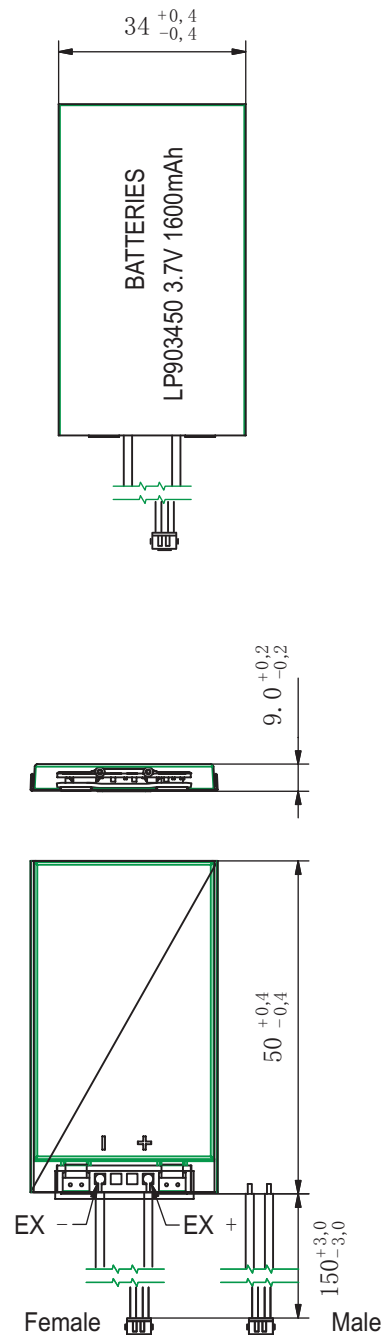


A

B

C

D



1 2 3 4 5 6

Specification

Lithium Polymer Battery Pack (LP3867100) 2400mAh 3.7V with Protection Circuit Module (PCM)

This data sheet describes the requirements and properties of lithium polymer rechargeable battery pack manufactured by Cellevia

Mechanical Characteristics

Type number: LP3867100
 Designation IEC system: Lithium polymer battery pack
 Length: $100 \pm 0.4\text{mm}$
 Width: $67 \pm 0.4\text{mm}$
 Thickness: $3.8 \pm 0.2\text{mm}$
 Cable: $150 \pm 3.0\text{mm}$ (26AWG UL 1007)
 Weight: appr. 42.1g
 Connector: JST 2.54 male & female connectors

Electrical Specification

Rated capacity: 2380mAh min, 2400mAh typ.
 Nominal voltage: 3.7V
 Max. operating voltage range: 3.0V to 4.2V
 Charge voltage: $4.2 \pm 50\text{mV}$
 Initial charge current: Standard charge: 1200mA
 Rapid charge: 2400mA

Charging cut-off (A or B)

A) By time: Standard charge: 7 hours
 Rapid charge: 4 hours

B) By min. current: 48.0mA

Max continuous discharge current: 2400mA

Exp. cycle life: >500 cycles >70% of initial cap. (0.5C/0.5C)

Internal impedance (1kHz): approx 36mOhm

Cell protection

Overcharge detection: $4.325 \pm 25\text{mV}$

(0.5 to 2.0 sec. delay, resume $4.075 \pm 50\text{mV}$)

Overdischarge detection: $3.00\text{V} \pm 25\text{mV}$

(6.25 to 250msec. delay, resume $2.9\text{V} \pm 100\text{mV}$)

Ambient conditions

Temperature range

Charge: 0 to $+45^\circ\text{C}$

Discharge: -20 to $+60^\circ\text{C}$

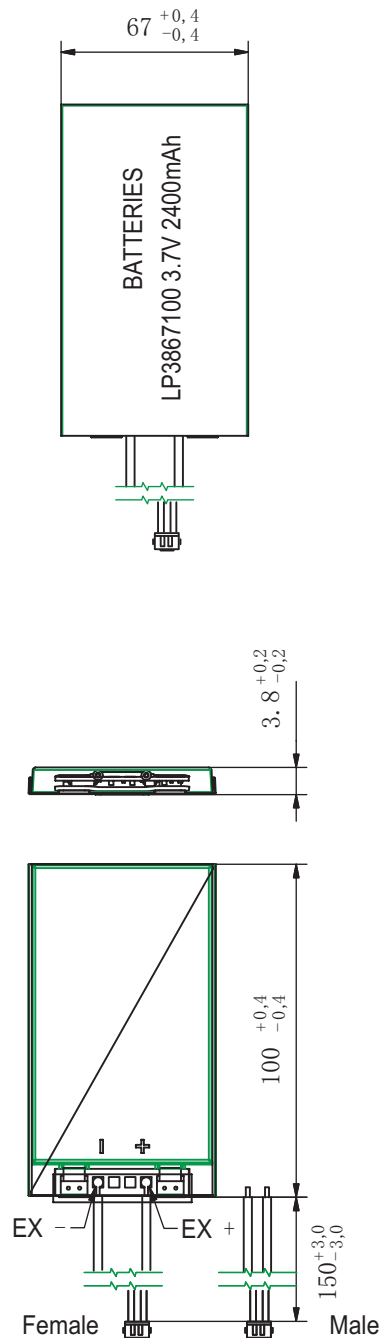
Charge retention/Storage: 1 year at -20 to 20°C >70%

3 month at -20 to 45°C > 70%

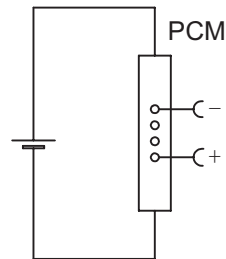
1 month at -20 to 60°C > 70%

Safety

Please follow handling and Safety Precautions Poliflex.



Circuit diagram



Specification

Lithium Polymer Battery Pack (LP505590) 2500mAh 3.7V with Protection Circuit Module (PCM)

This data sheet describes the requirements and properties of lithium polymer rechargeable battery pack manufactured by Cellevia

Mechanical Characteristics

Type number: LP505590
Designation IEC system: Lithium polymer battery pack
Length: 90 ± 0.4 mm
Width: 55 ± 0.4 mm
Thickness: 5.0 ± 0.2 mm
Cable: 150 ± 3.0 mm (26AWG UL 1007)
Weight: appr. 47.0g
Connector: JST 2.54 male & female connectors

Electrical Specification

Rated capacity: 2500mAh min, 2540mAh typ.
Nominal voltage: 3.7V
Max. operating voltage range: 3.0V to 4.2V
Charge voltage: 4.2 ± 50 mV
Initial charge current: Standard charge: 1250mA
Rapid charge: 2500mA
Charging cut-off (A or B)
A) By time: Standard charge: 7 hours
Rapid charge: 4 hours
B) By min. current: 50.0mA
Max continuous discharge current: 2500mA
Exp. cycle life: >500 cycles >70% of initial cap. (0.5C/0.5C)
Internal impedance (1kHz): approx 37mOhm
Cell protection
Overcharge detection: 4.325 ± 25 mV
(0.5 to 2.0 sec. delay, resume 4.075 ± 50 mV)
Overdischarge detection: $3.00V \pm 25$ mV
(6.25 to 250msec. delay, resume $2.9V \pm 100$ mV)

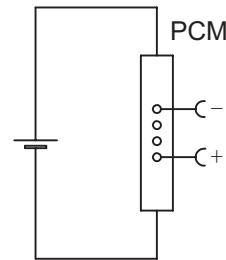
Ambient conditions

Temperature range
Charge: 0 to +45°C
Discharge: -20 to +60°C
Charge retention/Storage: 1 year at -20 to 20°C >70%
3 month at -20 to 45°C >70%
1 month at -20 to 60°C >70%

Safety

Please follow handing and Safety Precautions Poliflex.

Circuit diagram

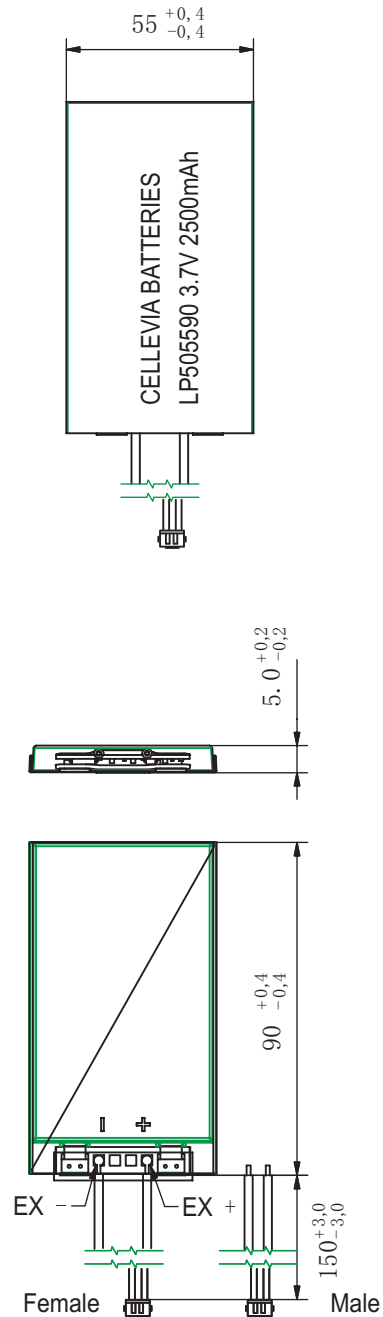


A

B

C

D



1

2

3

4

5

6

Specification

Lithium Polymer Battery Pack (LP7035138) 4000mAh 3.7V with Protection Circuit Module (PCM)

This data sheet describes the requirements and properties of lithium polymer rechargeable battery pack manufactured by Cellevia

Mechanical Characteristics

Type number: LP7035138
 Designation IEC system: Lithium polymer battery pack
 Length: 138 ± 0.4 mm
 Width: 35 ± 0.4 mm
 Thickness: 7.0 ± 0.2 mm
 Cable: 150 ± 3.0 mm (26AWG UL 1007)
 Weight: appr. 75.0g
 Connector: JST 2.54 male & female connectors

Electrical Specification

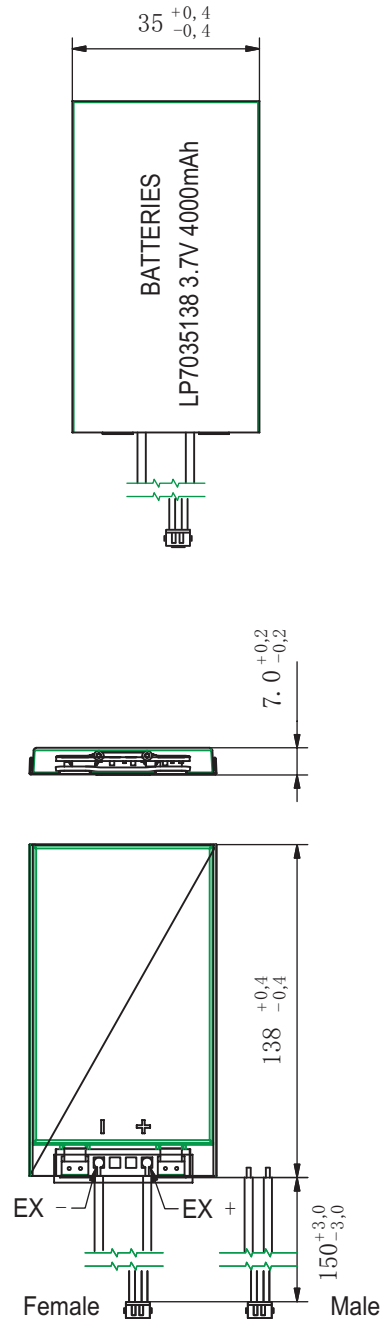
Rated capacity: 3980mAh min, 4000mAh typ.
 Nominal voltage: 3.7V
 Max. operating voltage range: 3.0V to 4.2V
 Charge voltage: 4.2 ± 50 mV
 Initial charge current: Standard charge: 2000mA
 Rapid charge: 4000mA
 Charging cut-off (A or B)
 A) By time: Standard charge: 7 hours
 Rapid charge: 4 hours
 B) By min. current: 80.0mA
 Max continuous discharge current: 4000mA
 Exp. cycle life: >500 cycles >70% of initial cap. (0.5C/0.5C)
 Internal impedance (1kHz): approx 25mOhm
 Cell protection
 Overcharge detection: 4.325 ± 25 mV
 (0.5 to 2.0 sec. delay, resume 4.075 ± 50 mV)
 Overdischarge detection: $3.00V \pm 25$ mV
 (6.25 to 250msec. delay, resume $2.9V \pm 100$ mV)

Ambient conditions

Temperature range
 Charge: 0 to +45°C
 Discharge: -20 to +60°C
 Charge retention/Storage: 1 year at -20 to 20°C >70%
 3 month at -20 to 45°C > 70%
 1 month at -20 to 60°C > 70%

Safety

Please follow handing and Safety Precautions Poliflex.



Circuit diagram

