LiPo Battery 11.1V 3S2P
LP8873129 20000mAh

**Specification**

**Lithium Polymer Battery Pack LP8873129 3S2P 20000mAh 11.1V 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**

- **Cell**: LP8873129
- **PCM**: Yes
- **NTC**: No
- **Configuration**: 3S2P
- **Weight**: appr. 1200g
- **Connector**: T-connector & JST XHP-3

**Electrical Specification**

- **Rated Capacity**: 20000mAh min, 20080mAh typ.
- **Nominal Voltage**: 11.1V
- **Wat-Hour Rating**: 222Wh
- **Max. Operating Voltage Range**: 9.00V to 12.60V
- **Max. Charge Voltage**: 12.6V ± 50mV
- **Max. Charge Current**: 2000mA
- **Max. Continuous Discharge Current**: 3000mA
- **Discharge Cut Off**: 8.75V
- **Internal Impedance**: <200mΩ
- **Expected Cycle Life**: 500 cycles ≥ 80%

**Cell Protection**

- **Overcharge Detection**: 12.675 ±50mV (0.7 to 1.3sec. delay, release 12.275V ±50mV)
- **Overdischarge Detection**: 9.00V ±50mV (14 to 26msec. delay, resume 8.80V ±50mV)
- **Overcurrent Detection**: 4A to 4.5A (8 to 16msec. delay)

**Ambient Conditions**

- **Charge Temp. Range**: 0 to +45°C
- **Discharge Temp. Range**: -20 to +60°C
- **Storage Temp. Range**: 1 year at -20 to +30°C >70%
- **3 months at -20 to +45°C >70%
- **1 month at -20 to +60°C >70%
- **Humidity**: 65 ±20%RH

**Environmental and Safety**

Please follow LiPol Handling and Safety Precautions for Lithium Polymer Battery.

This battery meets the requirements of Battery Directives, and the battery parts are IEC 62133 & RoHS-Compliant. For more safety precautions and performance standards, please go to www.lipolbattery.com/support.html.

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<tr>
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