



# AUTEL ROBOTICS PT803254-2S Smart Controller SE User Guide

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# AUTEL®

**AUTEL ROBOTICS PT803254-2S Smart Controller SE**



## **Disclaimer**

Autel Smart Controller SE is powered by a lithium-ion battery. Please ensure that all the following guidelines are strictly followed. No responsibility is assumed by us for any consequence resulting from any wrong or improper use of operation, etc. of the product

## **Operation Guidelines**

### **Charge**

- Never out of the max charge current as mentioned in the specification.
- Never out of the max charge voltage as mentioned in the specification.
- Please refer to the temperature range as a specification.

### **Discharge Current**

- The discharge current is not allowed to out of max current as specification.
- Otherwise, the battery will be over heat and capacity fading.

### **Discharge Temperature**

Please refer to the temperature range as specification.

### **Over-discharge**

It's workable if over charge and discharge for a short while but not allow to do it for a long time. Over discharge may result in disappear self-energy. Please keep a certain electric quantity to prevent over discharge.

### **Storage**

- Store the battery in cool, dry and well-ventilated conditions.
- Please store the battery in the adequate temperature as mentioned in the specification. When battery is delivered, if the capacity is about 60%. Suggest to recharge it after more than 6 months. When battery is charged full, Suggest recharging it after more than 9 month s.
- Regulations vary for different countries. Dispose of in accordance with local regulations

## Other Chemical Reaction

The battery performance will reduce if over time using or unused for a long time due to It's reaction of chemicals. In addition, the battery life will be shortened or injury or damage itself from electrolyte leakage, heating ignition or explosion for improper handling. It's necessary to replace the battery if unable to charge for a long time even in a proper way.

## Warnings

- Do not make the battery exposure or thrown into fire.
- Never reverse charge the battery.
- Never short circuit the battery.
- Avoid excessive physical shock or vibration.
- Do not disassemble or deform the battery.
- Never allow the battery to get wet or be immersed in water.
- Do not use different types of battery together.
- Keep away from children.
- Charge at the appropriate conditions.
- Never use the faulty charger to charging.
- Never keep charging more than 24 hours.

## Specification

Model	PT803254-2S
Rated Capacity	1900 mAh
Nominal Voltage	7.7 Vdc
Max Charging Voltage	8.8 Vdc
Max Charging Current	2 A
Charging Temperature	5 ~ 45°C 41 ~ 113°F
Max Discharging Current	2 A
Discharge Temperature	-20 ~ 60°C -4 ~ 140°F
Storage Temperature	>3 months:-20°C~25°C -4°F~77°F 1~3mon ths:-20°C~45°C -4°F~113°F  <1 month:-20°C~60°C -4°F~140°F

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**Documents / Resources**

	<p><a href="#">AUTEL ROBOTICS PT803254-2S Smart Controller SE</a> [pdf] User Guide PT803254-2S Smart Controller SE, PT803254-2S, Smart Controller SE, Smart Controller, Cont roller</p>
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**References**

- [Autel Robotics Enterprise Drone, Quadcopter & UAV for Sale | Leader in Drones](#)