Alienware 17 R5 Battery Replacement

This guide is about how to replace the battery in an Alienware 17 R5 (ALW17C-D3748S) and how to solve the problem if the computer can not boot normally.

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INTRODUCTION

This guide will show you how to replace the battery in your Alienware 17 R5 (model number: ALW17C-D3748S) in the case that your battery no longer holds a charge. In extreme cases, an old battery will prevent the computer from being able to power on, so if your computer only turns on while plugged in, a battery replacement will likely solve your problems.

Detailed model of the computer:

Name: Alienware 17(R5) (ALW17C-D3748S)

CPU: i7 8750H. 2.2GHz

Graphics card: NVIDIA GeForce GTX 1070 OC

Memory capacity: 8G. GDDR5

Maximum memory capacity: 32G

Weight: 4.42Kg

Length: 424mm

Width: 332mm

Thickness:

29.9mm

Shell color: Silvery

Before using this guide, please note that the computer needs to be powered off. This can effectively ensure that users will not be threatened by static electricity when replacing batteries. In addition, ESD safety tools are also necessary.

TOOLS:

- Phillips #0 Screwdriver (1)
Step 1 — Battery

- First, we need to find the tools we need. **bolt driver**
- tool: **Cross screwdriver** Specifications: Handle size 115mm
- Cross head specification: M4.0

Step 2

- Use a Phillips #0 screwdriver to remove all of the screws in the back cover.
Step 3

- In this step, we need to take down the second shell to protect the battery. Pay attention to handle the case with care, do not damage the precision parts of the computer.

Step 4

- When taking out the shell of this part, you should pay attention to that its two wires are on the surface of the second shell, so you need to take off this part first.
Step 5

> The one right below is the battery

Step 6

- Use a Phillips #0 screwdriver to remove the screws holding down the battery.

- Unplug the battery cable from the motherboard.

⚠️ Be sure to use ESD safe tools when removing the battery cable.
Step 7

- When we remove the old battery, we can start to install the new battery, in addition to pay attention to plug in the power cord first, and then press the screw back to the original position.

Step 8

- Next, we just need to press back the two-layer back cover and connect it to the power supply.
Step 9

- This icon means that the computer battery is working properly.

要重新组装设备，请按照相反的顺序进行操作。