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The Robot Program Episode 005: Battery Charging and Care

This lesson provides an overview of how to charge EZ-Robot batteries and identifies where the battery cables are located on each robot body. The reader will learn how to properly charge and care for the robot battery. Follow along with The Robot Program Episode 005: Battery Charging and Care.
View the video episode here: https://www.ez-robot.com/Tutorials/Lesson/26

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Professor E's Overview

This lesson demonstrates how to charge and care for the robot battery.
Remember to connect and disconnect carefully, using the thumb and finger to gently rock the connector back and forth. Never pull on the cable wires.
Always charge the robot before use. The battery saving monitor will indicate if the battery is getting low. Power off before charging.
Review the **Getting Started Guide** for more information.

Step 1

Make sure you have your battery charger, transformer, and your robot. Use the appropriate country adapter and connect the transformer to the charger.

Step 2

Each robot has a charging cable attached to its body.

Step 3

The **Revolution JD** battery connection is under the left arm. Use your thumb and finger to securely connect the cable to the charger.
To disconnect, gently rock the cable back and forth. Do not pull on the wires directly.

Step 4

The **Revolution AdventureBot** battery connection is located under the body.

Step 5

The **Revolution Six** battery connection is located under the body.

Step 6

The **Revolution Roli** battery connection is located under the body. Lean **Roli** backwards for easiest access.

Step 7

The rechargeable robot battery is contained in the body, with only the charging cable visible.

Step 8

Each robot has a **Battery Saving Monitor** that will alert when the battery is low. Power off the robot and allow the battery to charge for a full cycle.

Step 9

Failing to charge may cause the battery to “puff up” and could potentially be dangerous. Dead batteries should be discarded according to local recycling and disposal rules.

Step 10

The length of a full charge cycle varies, but may take a few hours. The charger has lights to indicate the battery’s charging status.

Quiz

Question #1
True or false- it is a good idea to disconnect the charger by pulling on the battery cable wires.
Question #2
True or false- the battery should charge for a full cycle during its first charge.
Question #3
What is the purpose of the battery saving monitor?
View the answers to this quiz at www.ez-robot.com/Tutorials/Lesson/26.
Visit www.TheRobotProgram.com for more episodes.