

# Autonomous Vehicles Research Studio

Setup Guide – QBot 2/2e Batteries

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## A. Charging the QBot 2/2e Batteries

1. Connect the power supply (Figure 1a) to a wall outlet and the barrel to the QBot 2/2e's charging port (Figure 1b).
  2. Turn on the QBot 2/2e using the power switch next to the charging port (Figure 1b). The Status LED should be green and flashing (Figure 1c). This indicates that the QBot 2/2e is charging.
- Note:** The QBot 2/2e does not need to be turned on for charging. Charging will begin as soon as power supply is connected
3. When the QBot 2/2e is fully charged the status LED will remain a solid green color. Disconnect the power supply from the QBot 2/2e.



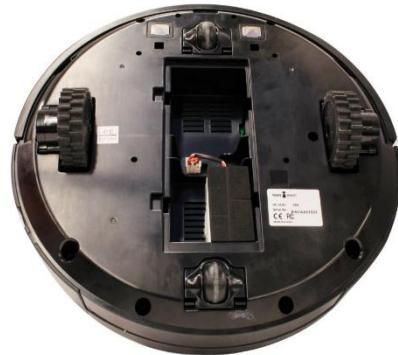
a. The QBot 2/2e Charger



b. The QBot 2/2e charger input



c. Battery Status LED



d. The QBot 2/2e Battery compartment

Figure 1: The QBot 2/2e battery and charger input

**Note:** If the QBot 2/2e battery ever needs replacing, it can be accessed from a compartment between the wheels (Figure 1d)

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