



Autonomous Vehicles Research Studio

Setup Guide – QBot 2/2e Batteries

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This product meets the essential requirements of applicable European Directives as follows:

CE Compliance 

- 2006/95/EC; Low-Voltage Directive (safety)
- 2004/108/EC; Electromagnetic Compatibility Directive (EMC)

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This equipment is designed to be used for educational and research purposes and is not intended for use by the public. The user is responsible to ensure that the equipment will be used by technically qualified personnel only. While the end-effector board provides connections for external user devices, users are responsible for certifying any modifications or additions they make to the default configuration.

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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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