

POWER SUPPLY REPLACEMENT KIT

This package includes :

1x **Power Supply Unit (PSU)** equipped with grounding harness (Yellow/Green)

You will need :

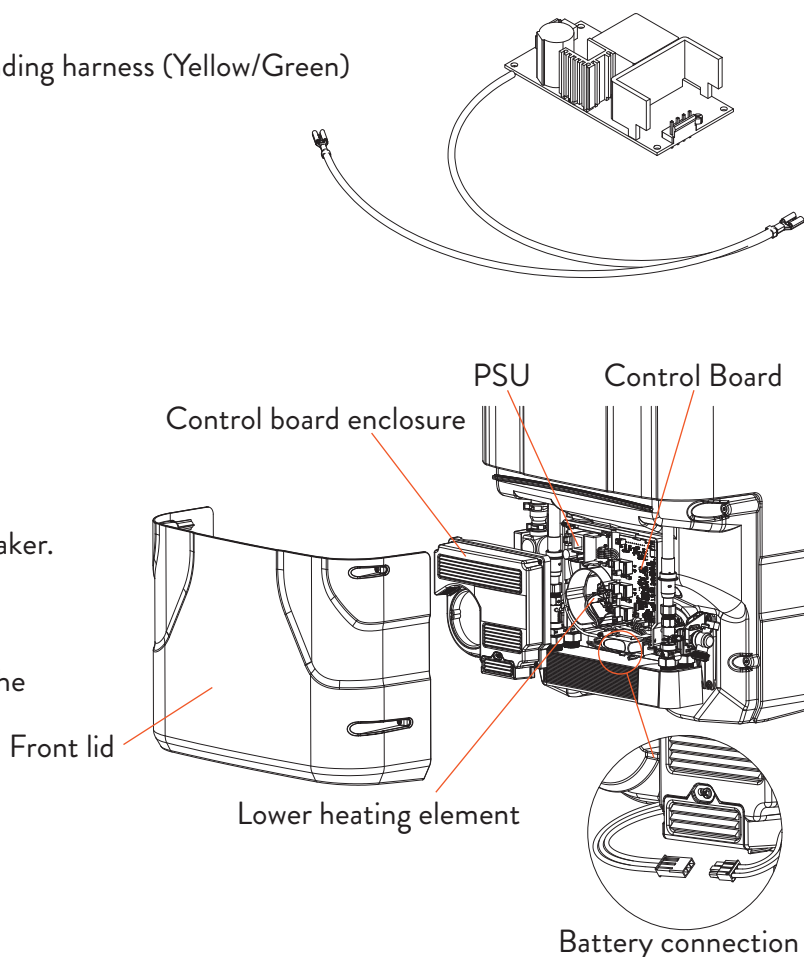
1x **PH2 Phillips head screwdriver**

1x **Diagonale cutter**

Instructions:

A. PSU dismounting :

1. **Turn off your water heater** using the circuit breaker.
2. Open the front lid.
3. **Disconnect the battery** before proceeding to the replacement.
4. Open the control board enclosure.

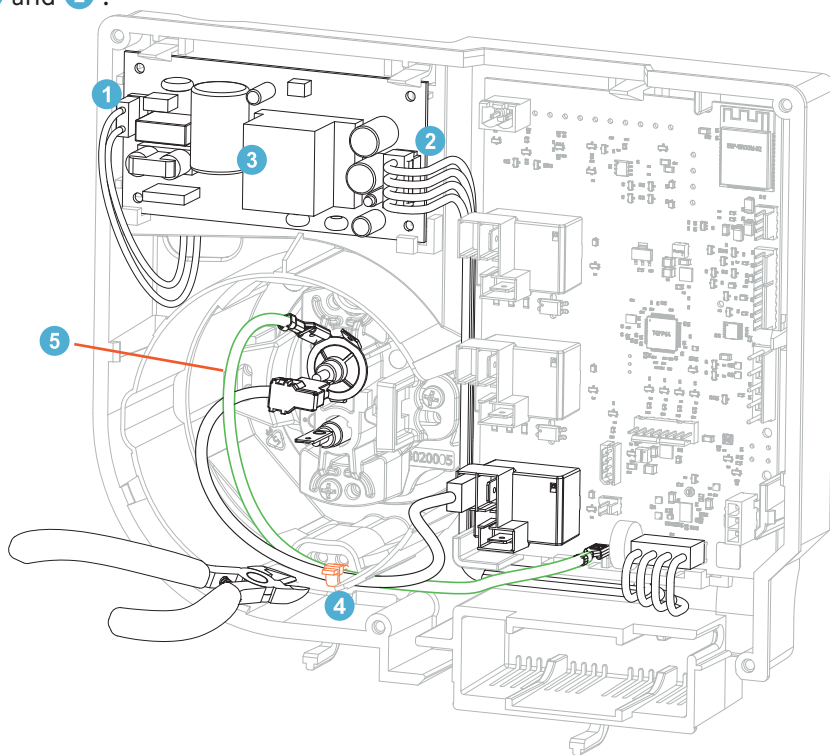


5. On the existing PSU:

- Unplug the two connected harnesses ① and ② .
- Remove the PSU ③ from the plastic holder by pushing the plastic latches.

6. On the control board and lower heating element:

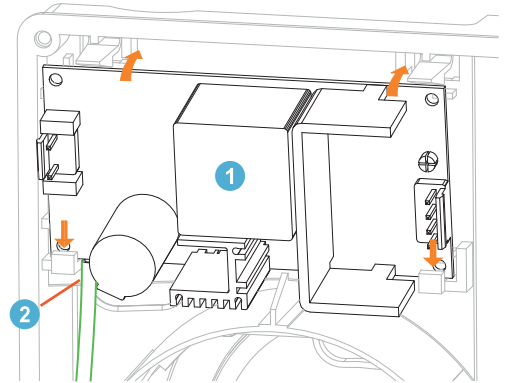
- **Cut the tie ④ holding** together the yellow lower heating element cable and the grounding cable.
- **Unplug and remove the existing grounding cable ⑤** connecting the control board to the lower heating element.



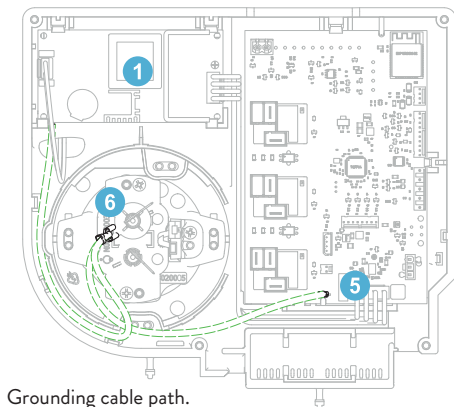
Depending on your water heater version, the heating element terminals may differ.

B. New PSU installation :

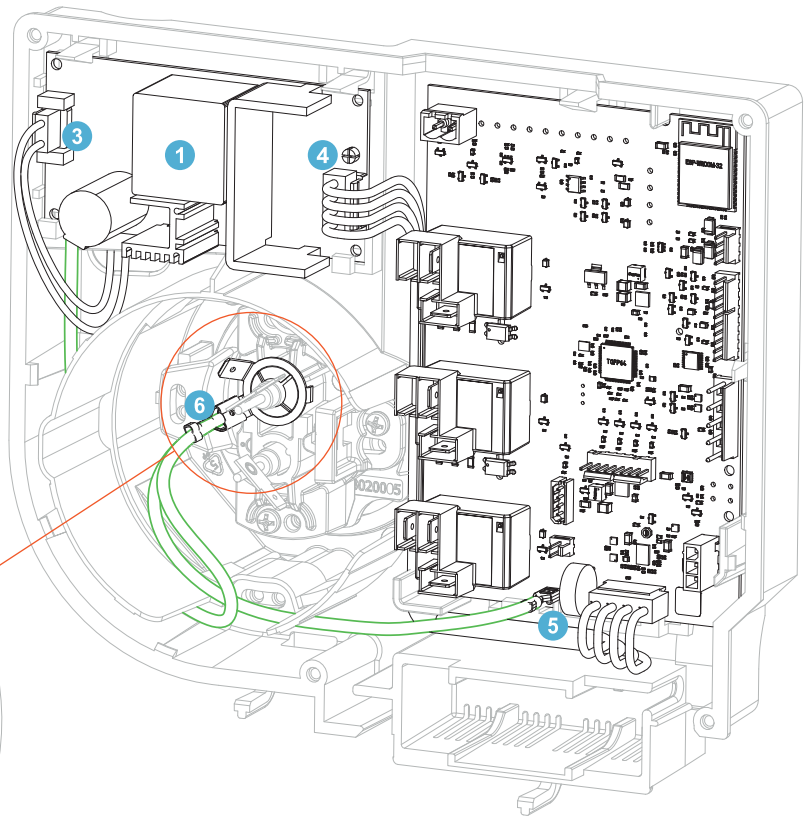
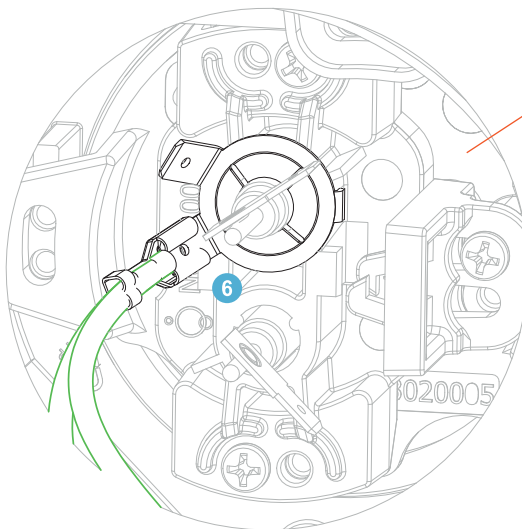
1. Install the replacement PSU **1**, ensuring the grounding cable is oriented to the lower left side **2**.



2. On the new PSU:
 - Connect the two harnesses **3** **4** to the new PSU. **Make sure the connectors are fully inserted.**
3. On the control board and lower heating element:
 - Connect the PSU grounding cable to the control board's **earth terminal 5**.
 - Connect the grounding cable to the lower heating element grounding connection **6**. **Make sure the connectors are fully inserted.**
4. Ensure the grounding cable path is followed as shown below.
Make sure no wires are pinched when closing the control board enclosure.
5. Connect the battery back.
6. Fasten the front lid before powering your water heater back on.



Grounding cable path.



Depending on your water heater version, the heating element terminals may differ.