

SolarEdge Home Backup Interface Home Network module replacement - support kit manual

This manual describes the procedure for replacing the Home Backup Unit Interface (BUI) Home Network module.

Revision history

- Version 1.0, May 2024: Initial release

Kit contents

- SolarEdge Home BUI Home Network module PN FLD-RO-BI-ENET-A-1

Required tools

- Torque screwdriver with 4mm and 5mm hex bits.
- Voltmeter.

Before you begin

1. At the inverter, set the P/1/0 switch to **0** (OFF).
2. On the BUI, set the 1/0 switch to **0** (OFF).
3. Turn OFF battery circuit breaker.
4. Turn OFF the inverter AC circuit breaker.
5. Turn OFF the BUI circuit breaker.



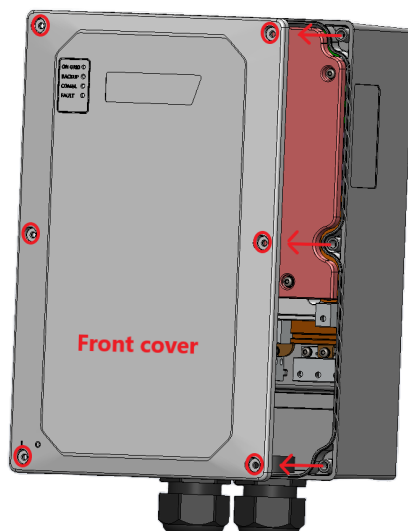
WARNING!

Before doing any maintenance work on the BUI, test for safe AC voltages.

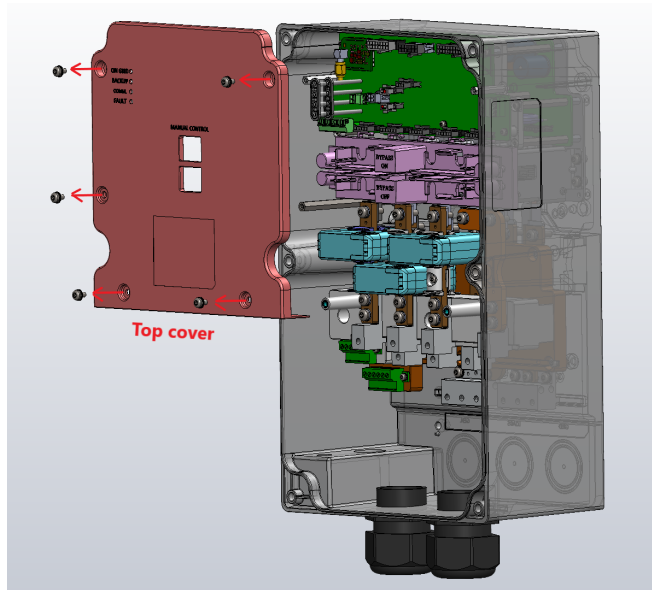
6. Using a voltmeter, measure the AC input and output voltages at the BUI. The readings must be 0V.

Remove the damaged Home Network module

1. Using a screwdriver with a 5mm hex bit, loosen the six (6) captive screws holding the front cover in place and remove the front cover.



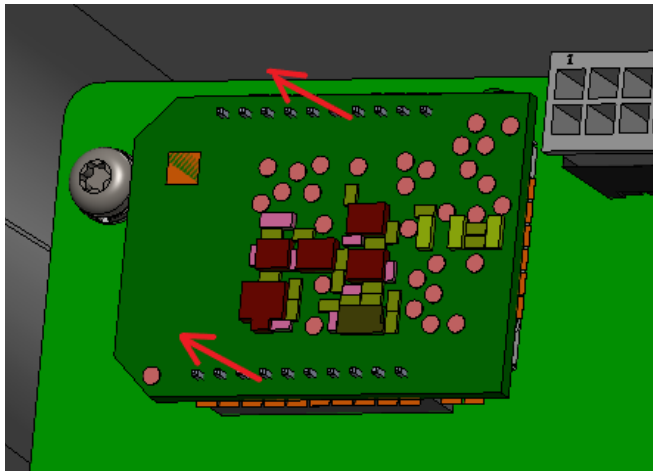
- Using a screwdriver with a 4mm hex bit, remove the five (5) non-captive screws holding the top cover in place.



NOTE

The screws holding the top cover in place are non-captive. Take care not to drop them into the BUI enclosure.

- Gently remove the damaged Network module from its location.



- Line up the pins of the new module carefully with their corresponding sockets.
- Gently press the new module into position taking care not to bend any of the pins.
- Set the top cover in place, insert the screws and tighten them to a torque of 4N·m.
- Set the front cover in place and tighten the captive screws to a torque of 4N·m.

Turn on the power

- Turn ON the AC circuit breakers for the inverter and the BUI.
- Turn ON the battery circuit breaker.
- On the BUI, set the I/O switch to 1 (ON).
- At the inverter, set the P/I/O switch to 1 (ON).