

# Digital Board Replacement in Three Phase StorEdge Inverters

## Kit Contents

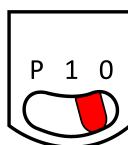
- Digital board
- L-bracket + two bolts

## Required Tools

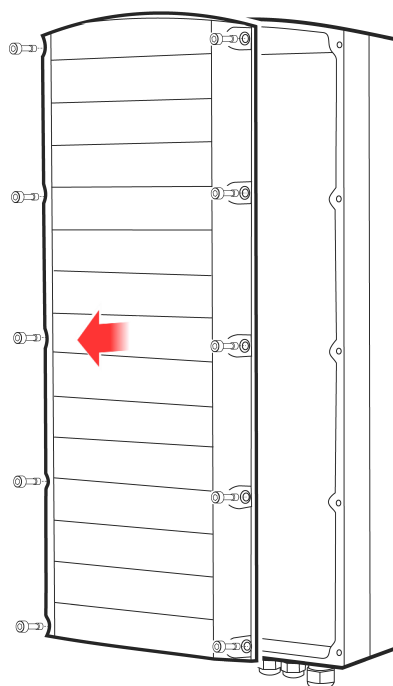
- 5mm hex key
- Phillips screwdriver

## Removing the Inverter Cover

1. Switch the inverter ON/OFF/P switch to OFF. Wait 5 minutes for the capacitors to discharge.



2. Disconnect the AC to the inverter by turning OFF the circuit breakers on the distribution panel.
3. Open the Allen screws of the inverter cover and carefully pull the cover horizontally before lowering it.



### CAUTION!

When removing the inverter cover, make sure not to damage the internal components. SolarEdge will not be held responsible for any components damaged as a result of incautious cover removal.

## Replacing the Digital Board

1. Disconnect all cables from the communication board.

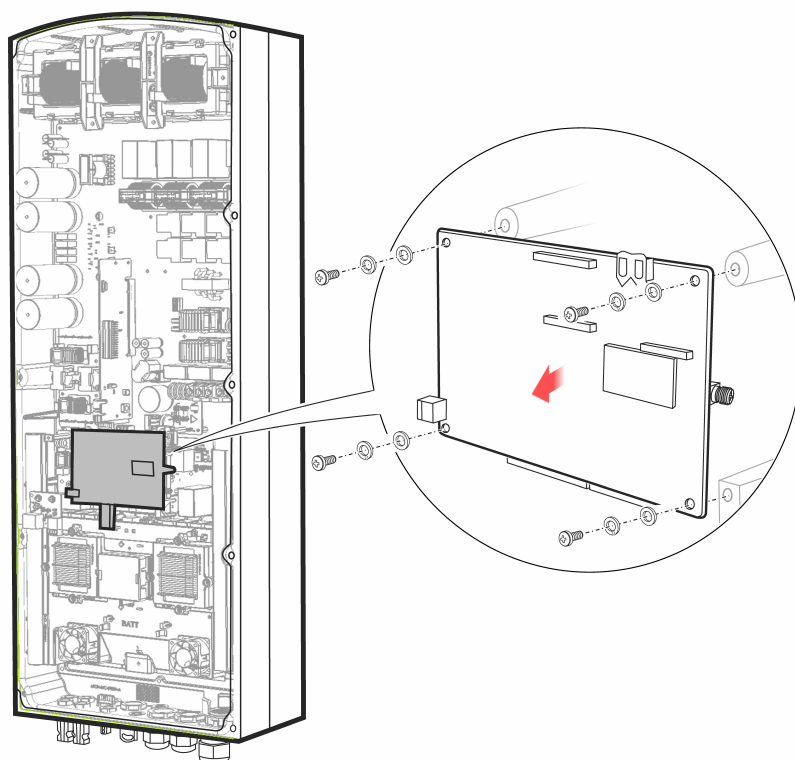


### NOTE

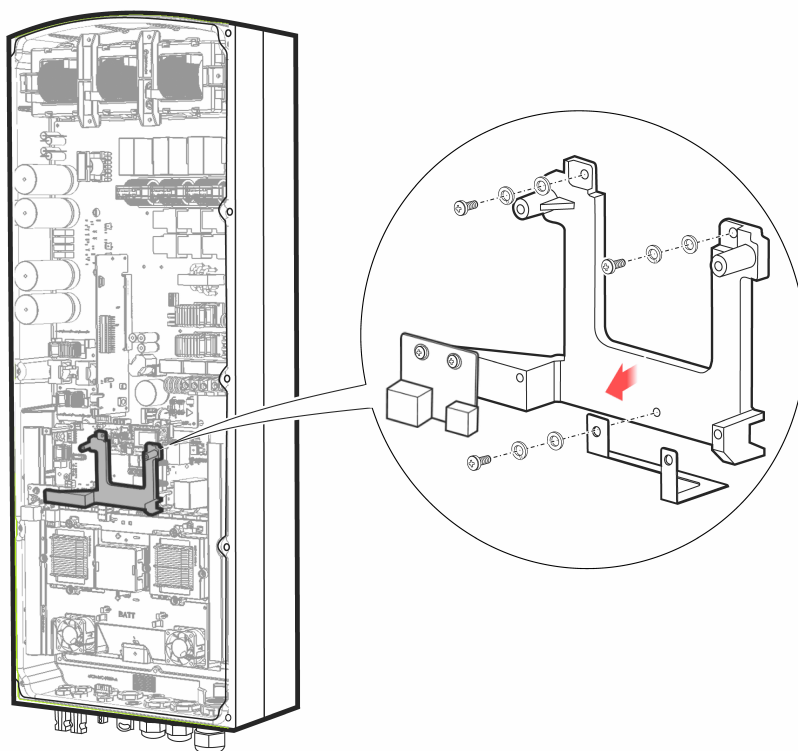
It is recommended to take a picture of the board before disconnecting any cables from it. This will help you reconnect the cables correctly after reinstalling the board.

2. Release the four screws, with which the communication board is fastened to the plastic bracket.

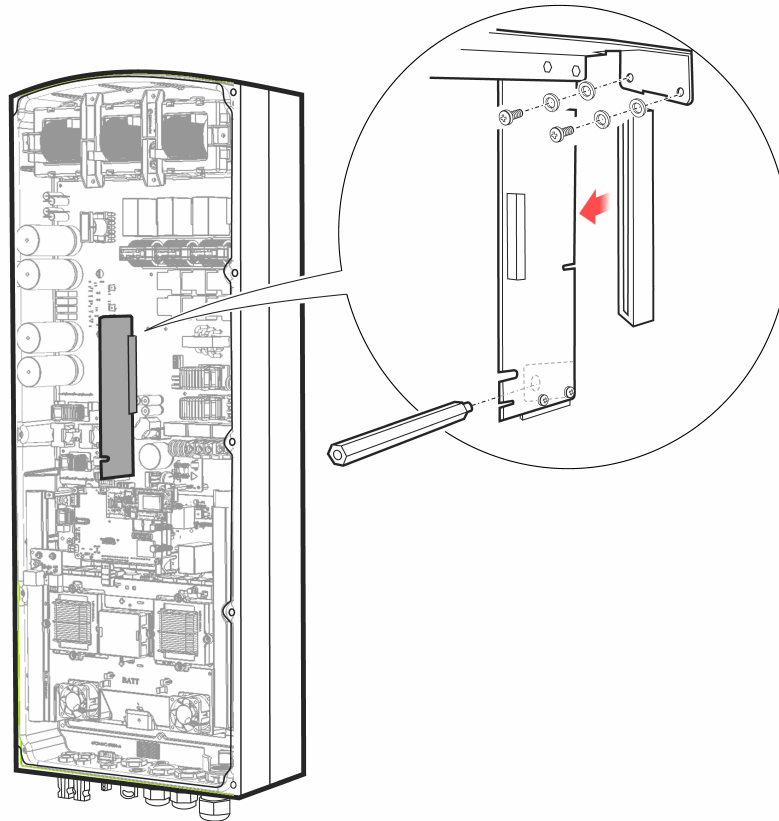
3. Remove the communication board.



4. Release the three screws, with which the plastic bracket is fastened to standoffs.
5. Remove the plastic bracket together with the grounding strip.



6. Release the two screws and the standoff, with which the digital board is fastened to the power board.
7. Disconnect the fan's power connector from the power board.
8. Remove the digital board.



9. Detach the fan's bracket, L-bracket, and communication cable from the digital board.
10. Fasten the fan's bracket, L-bracket, and communication cable to the new digital board.
11. Plug the new digital board into its slot on the power board.
12. Fasten the digital board to the power board with the two screws and the standoff. Apply a torque of 1.1 N\*m (10 lb\*in).
13. Connect the fan's power connector to the power board.
14. Place the plastic bracket on the standoffs and place the grounding strip on top of the plastic bracket.
15. Fasten the plastic bracket and grounding strip with the three screws.
16. Connect the communication cable from the digital board to the communication board.
17. Place the communication board on the plastic bracket and fasten it with the four screws. Apply a torque of 1.1 N\*m (10 lb\*in).
18. Reconnect all cables to the communication board.
19. Close the inverter cover and fasten it with the Allen screws. Apply a torque of 8.4N\*m (74 lb\*in).