

NOTE - This insert replaces section 2.1.3 of the manual

This procedure requires partial disassembly of the control board and should be conducted by a certified electrician or trained electronics expert.

2.1.3 Adjusting the Charging Station Maximum Current Output Setting (Optional)



WARNING: RISK OF ELECTRIC SHOCK

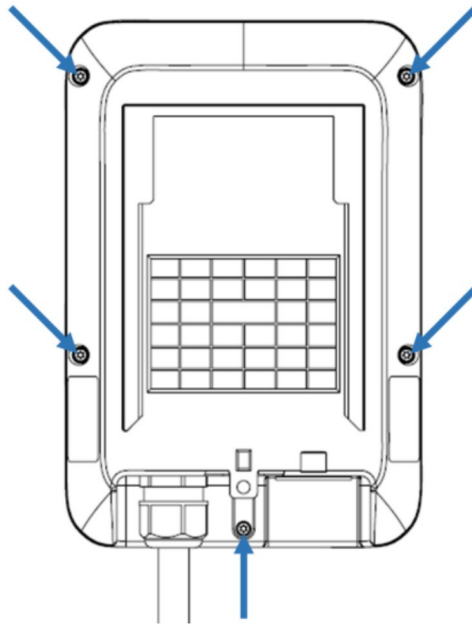
- Do not touch live electrical parts.
- Incorrect connections may cause electric shock.
- Disconnect the power supply to the charging station and verify no power is present before installing, adjusting, or repairing the charging station. Failure to do so may result in physical injury or damage to the power supply system and the charging station.
- Electrical Power **MUST** remain OFF and DISCONNECTED before setting or changing the DIP switch. A non-conductive object **MUST** be used to adjust the DIP switch settings, failure to do so may result in risk of electrical shock and damage to the equipment

The EVOCHARGE EVSE charging station product features the ability to adjust the maximum Charging Station current output to allow the use of a 40A (or greater), 30A, or 20A Dedicated Circuit as follows:

- 40A (or greater) Circuit Rating: To support 32A (7.68 kW) maximum Charging Station output
- 30A Circuit Rating: To support 24A (5.76 kW) maximum Charging Station output
- 20A Circuit Rating: To support 16A (3.84 kW) maximum Charging Station output

The Charging Station Default Factory Maximum Current Output Setting is 32A (7.68 kW) for use with a 40A (or greater) Circuit Rating. To adjust the Maximum Current Output Setting when using a 30A or 20A Circuit Rating:

1. Place the Charging Station on a flat surface, front cover down with protection under the cover to avoid scratching damage to the cover.
2. Remove the Charging Station front cover by loosening the (5) Torx screws at the rear of the charging station.

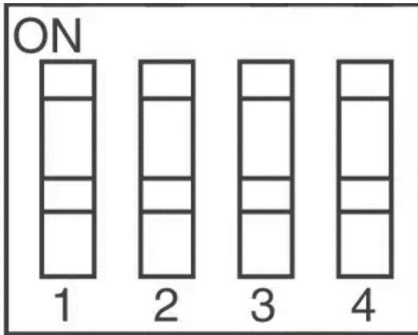


Five Torx screw locations to remove the Charging Station Cover



CAUTION: The LED board is attached to the charging station front cover and the charging station circuit board. Use care to not place force or strain on the wiring harness when the cover screws are removed. Failure to do so may result in damage to the charging station, which is not covered under warranty.

- With the (5) Torx screws loosened, hold the front cover in place to avoid strain being placed on the LED board wiring harness and flip the charging station over on the flat surface so that the front cover is on top. Once this is completed, gently lift the charging station front cover and place to the right side of the charging station unit. Again, use care to not place force or strain on the wiring harness when the front cover screws are removed. Failure to do so may result in damage to the charging station.
- With the front cover placed to the side, locate the DIP switch on the charging station circuit board. The DIP switch is a 4-position switch on the main circuit board, located directly to the left of the LED board wiring harness connector.



4-Position DIP Switch



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- Electrical Power **MUST** remain OFF and DISCONNECTED before setting or changing the DIP switch. A non-conductive object **MUST** be used to adjust the DIP switch settings, failure to do so may result in risk of electrical shock and damage to the equipment

- To Adjust the Maximum Current Output to either 24A or 16A, use a non-conductive object to adjust the DIP switch settings as follows:

NOTE - To identify the model of the EVSE (EVSE, iEVSE or iEVSE Plus), please reference the product label

EVSE: Dip Switch Setting

| Maximum Current Output | DIP 1 | DIP 2 | DIP 3 | DIP 4 | DIP Switch Setting (Picture) |
|--|-------|-------|-------|-------|------------------------------|
| 32A Maximum Current Output (Factory Default Setting) | ON | OFF | ON | OFF | |
| 24A Maximum Current Output | ON | OFF | OFF | ON | |
| 16A Maximum Current Output | ON | OFF | OFF | OFF | |

iEVSE and iEVSE Plus: Dip Switch Setting

| Maximum Current Output | DIP 1 | DIP 2 | DIP 3 | DIP 4 | DIP Switch Setting (Picture) |
|--|-------|-------|-------|-------|------------------------------|
| 32A Maximum Current Output (Factory Default Setting) | ON | ON | ON | OFF | |
| 24A Maximum Current Output | ON | ON | OFF | ON | |
| 16A Maximum Current Output | ON | ON | OFF | OFF | |

- Once the DIP Switch Setting is adjusted, reassemble the charging station.
 - Reinstall the LED wiring harness to the charging station circuit board and install the charging station front cover using the following torque force to secure the (5) Torx screws:

| Screw | Torque | |
|-------|-----------|-------------|
| M4 | 16 kgf.cm | 13.88 lb-in |