



DC Safety Unit with Conduits, Addendum

This addendum is a supplement to:

- *Single Phase Inverter with HD-Wave Technology (with SetApp Configuration) - Installation Guide, version 1.0 (MAN-01-00540-1.0)*
https://www.solaredge.com/sites/default/files/se_hd_wave_inverter_SetApp_installation_guide.pdf
- *Quick Installation Guide for Inverter with HD-Wave Technology (with SetApp configuration, version 1.0 (MAN-01-00481-1.0)*
https://www.solaredge.com/sites/default/files/single_phase_inverter_with_hd_wave_and_setapp_multilanguage_quick_installation_guide.pdf

The below describes how to connect DC and AC cables to the DC Safety Unit through conduits in SolarEdge single phase inverters with HD-Wave Technology for Australia.

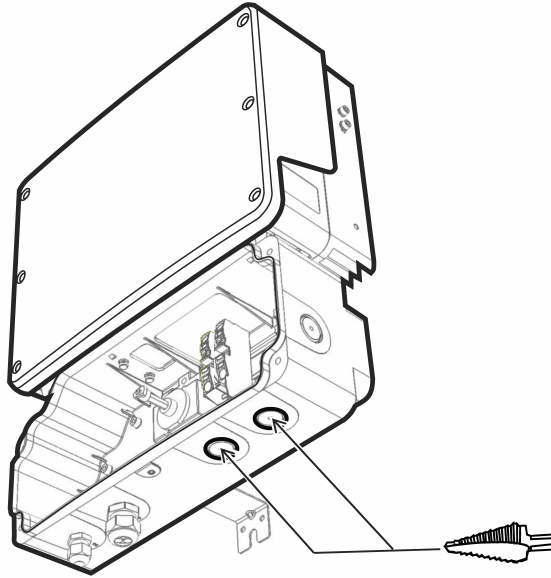
The SolarEdge DC Safety Unit is an integral part of the SolarEdge inverter and complies with relevant AS/NZS 5033: 2014 standards.

For the cable types and lengths, see the installation guide.

→ To connect DC and AC cables:

1. Turn OFF the following:
 - Inverter ON/OFF/P switch
 - AC circuit breaker on the main panel
 - DC Safety Unit
2. Wait five minutes for the capacitors to discharge.

3. Remove the front cover from the DC Safety Unit.
4. Open the DC and AC conduit drill guides. It's recommended to use a Unibit drill.

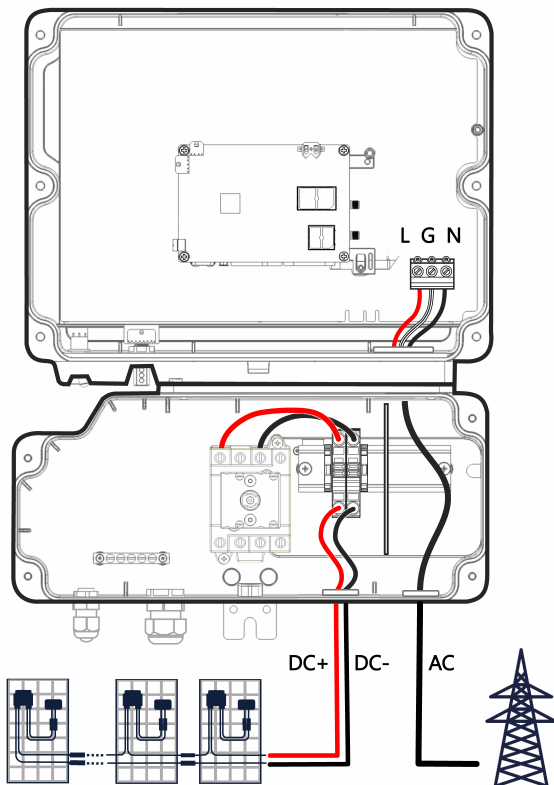


5. Install conduits as required by local regulation.
6. Pass the DC cables from the panels through the conduit into the DC Safety Unit.
7. Connect the cables to the DC terminal block as shown below. Make sure to observe correct polarity.



NOTE

If more than one string is required, the strings can be connected in parallel using an external combiner box.



8. Remove the front cover from the inverter.
9. Pass the AC cable through the conduit into the DC Safety Unit and then into the inverter.
10. Connect the AC cable to the AC terminal block as shown above.
11. Place the front covers back on the inverter and DC Safety Unit and secure them with screws. Apply a torque of 0.9 lb*ft / 1.2 N*m.

Mechanical Specifications

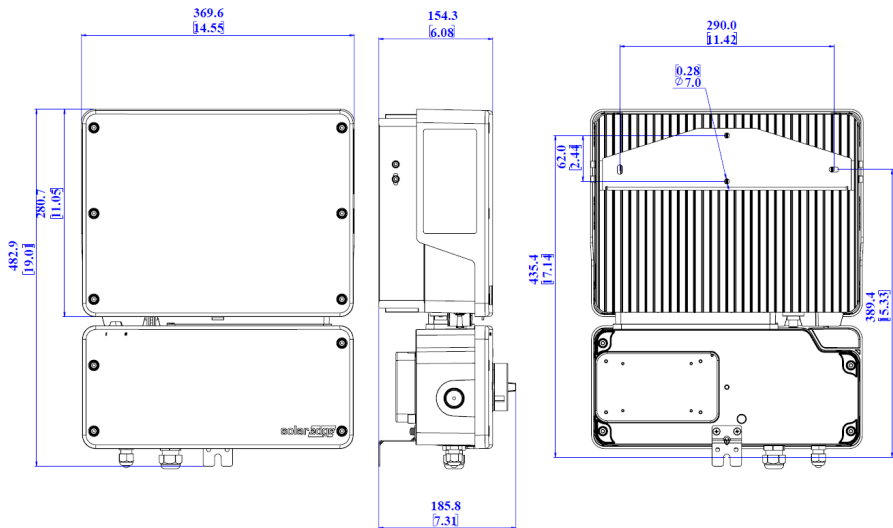


Figure 1: SE2500H-SE6000H inverter dimensions

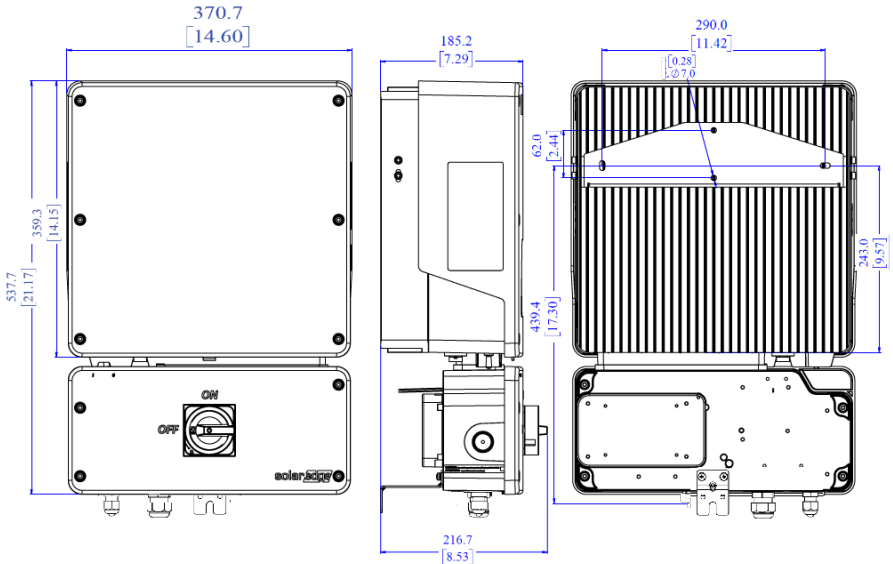


Figure 2: SE8000H-SE10000H inverter dimensions