

Best Summary of Both types of grounding in regards to how it works with the Enphase Integrated Ground system:

“Electrical code requires two types of grounding conductors: the **Grounding Electrode Conductor (GEC)**, which is used between the grounding electrode and the point where a normally current carrying conductor is intentionally bonded to ground, and the **Equipment Grounding Conductor (EGC)**, which grounds noncurrent carrying metal parts of the system, such as the racking and module frames. Because Enphase Microinverters with Integrated Ground have DC integrated ground, they do not require a GEC. However electrical code still requires that exposed metal in the array be grounded (NEC 690.43 and 250.136(A)). This requirement is met for the microinverter because the ground conductor internal to the Engage Cable acts as the EGC. It may be met for racking and modules with use of an EGC or WEEBs to provide bonding to this ground system.”