



NOTE: Ground PV modules according to local requirements.

Q CABLE
BLACK - L1
RED - L2

JUNCTION BOX

TERMINATOR CAP
INSTALLED ON
END OF CABLE

NOTE: The IQ 7 Micro, the IQ 7+ Micro, the IQ 7A Micro, and the IQ 7X Micro have integrated ground and double insulation, so no GEC or EGC is required. The DC circuit is isolated and insulated from ground and meets the requirements of NEC 690.35

UP TO 16 IQ 7 MICROS, 13 IQ 7+ MICROS, 11 IQ 7A MICROS,
or 12 IQ 7X MICROS PER 240 AC BRANCH CIRCUIT

IQ ENVOY

TO METER
OR AC DISTRIBUTION
PANEL

ONE 2-POLE 20 AMP
CIRCUIT BREAKER
PER BRANCH CIRCUIT

NEUTRAL GROUND
AC DISTRIBUTION PANEL
OR SUBPANEL

IMPORTANT: Make sure to measure the line-to-line and the line-to-neutral voltage of all service entrance conductors prior to installing any solar equipment. The voltages for the microinverters should be within the following ranges:

- **240 VAC:** line to line: 211 to 264 VAC, line to ground: 106 to 132 VAC.
- **208 VAC:** line to line: 183 to 229 VAC, line to ground: 106 to 132 VAC.

ENPHASE IQ 7, IQ 7+, IQ 7A, and IQ 7X MICROINVERTER FIELD WIRING DIAGRAM