

# Installation of 400A PLC Filter

In commercial applications, the QD-LCF-400-3P Line Filter, manufactured by Astrodyne, separates power line communication domains across the Enphase IQ8P-3P or IQ8H-3P Microinverters installation when multiple Enphase IQ Gateway Commercial 2's are located on a single utility transformer or when site loads generate electrical noise that disrupt communications.

Connect both the Enphase IQ Gateway Commercial 2 and Enphase IQ8P-3P or IQ8H-3P Microinverters on the array or load side of the filter, and wire the utility feed to the line side of the filter.

- Recommended torque for M10 terminals is 18 Nm (160 in-lb)
- Recommended conductor size for 400A continuous is 500kcmil
- Mount in an appropriate enclosure using the mounting holes

- A. Line side
- B. Load side

