

Installing Q-LCF-64-1P Line Filter

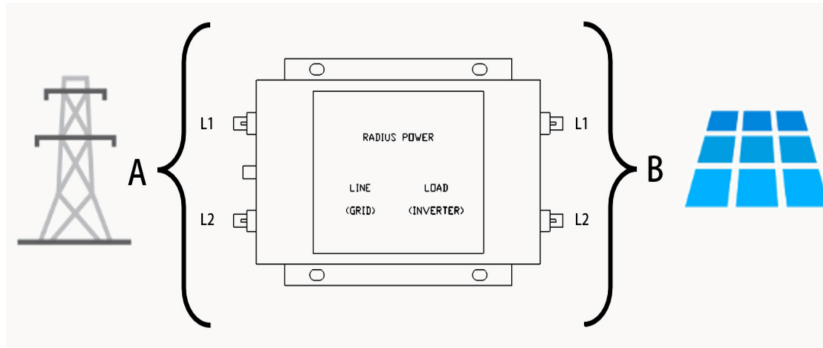
In residential applications, the Q-LCF-64-1P Line Filter, by Radius Power (Astrodyne), separates power line communication domains across the M Series, S Series, and IQ6, IQ7, and IQ8 Series Microinverters installation when multiple Enphase IQ Gateways are located on a single utility transformer or when site loads generate electrical noise that disrupts communications.

Connect both the IQ Gateway and IQ Microinverters on the load side of the filter and wire the utility feed to the line side of the filter.

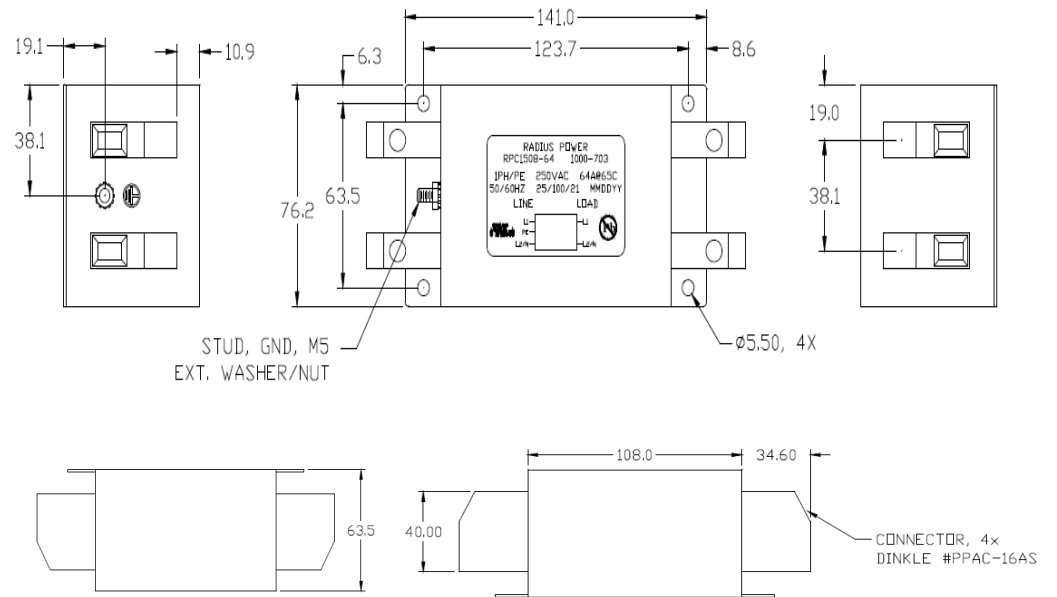
- A) Line side
- B) Load side

- Mount in an appropriate enclosure using the mounting holes.
- Detailed IQ Microinverters system configurations with line filters are captured in the following system planning guide: <https://enphase.com/download/enphase-energy-system-planning-guide-tech-brief>

1 INSTALLATION



2 PRODUCT DIMENSIONS



All dimensions are in mm.



Revision history

REVISION	DATE	DESCRIPTION
140-00103-02	June 2023	Updated installation instructions
Previous releases		
