

NY-Sun

ConnectDER Requirements



NYSERDA requires a separate AC disconnect for installations utilizing the ConnectDER between the inverter and the ConnectDER to provide a readily visible disconnecting means for first responders and field technicians. The disconnect does not need to be service rated, should be sized to the inverter output, and labeled as an AC disconnect.

Below is an example of a separate disconnect between the inverter and the ConnectDER.



In addition, the labels below (or equivalent) are required on the separate AC disconnect.

SOLAR DISCONNECT

PHOTOVOLTAIC AC DISCONNECT

MAXIMUM AC OPERATING CURRENT:

NOMINAL OPERATING AC VOLTAGE:

WARNING

ELECTRICAL SHOCK HAZARD
TERMINALS ON THE LINE AND LOAD
SIDES MAY BE ENERGIZED IN THE
OPEN POSITION

NYSERDA recommends contractors review all previously installed installations utilizing ConnectDER. If no separate AC disconnect was installed, a custom label denoting the location of the ConnectDER breaker, such as “Solar AC disconnect is located on ConnectDER meter collar” should be placed on the inverter.

Effective as of 2.1.23 contractors will only be able to apply for 60 amp breakers in the ConnectDER program.

Questions?

Please contact inspections@nyserda.ny.gov.



NY-Sun