

Figuring out your Panel Amp Rating

Information about your main electrical panel aids our design and cost estimates. The Ontario Electrical Safety Code stipulates limits to generation (solar in this case) circuit breaker ratings with respect to your main panel AMP rating and Main Breaker rating via a formula.

To investigate this, you will need to view the main panel.

At minimum, we would like to know the main breaker rating. The main breaker should be labelled as such, will always be a double pole breaker, and is always at one end of the main panel, not in the same row as all the regular house breakers.

It will have a number imprinted on the breaker switch itself, usual numbers are 100, 125 and 200.

Ultimately we are also interested in the Main Panel AMP rating, but this can be harder to find and sometimes isn't on the panel at all. Most commonly, if you have a panel amp rating it will be visible on a sticker on the door of the panel or exterior (could be on sides as well). Some panels have ratings on the inside but this requires removing the deadfront which we do not advise you to do.

Panels with 100 or 125A main breakers almost always rated for 125A max.

Panels with 200A main breakers can be either rated at 200 or 225A max.

