

# Faster and more affordable solar

*Before installing rooftop solar panels, many residential customers will be required to make expensive upgrades to their electrical service panel. These upgrades usually introduce delays and additional permitting requirements.*

SDG&E® has created an alternative to installing these upgrades called the **Renewable Meter Adapter (RMA)**. The RMA simplifies the interconnection process which may save time and money, making solar more affordable. SDG&E or an SDG&E authorized contractor will install both the RMA and the breaker disconnect box. The RMA is installed between the electric meter and the electric service panel on the utility side. An internal breaker limits solar input to 48 amps maximum. The solar system connects to the breaker disconnect box (details on the reverse side).

### Benefits:

- Eliminates many electrical upgrades, which may save time and money
- Installation can take as little as one hour
- Reduces the hassles involved in panel upgrades
- No impact to the customer's property, like stucco repair, landscaping or painting
- Saves space in the customer's service panel for future needs
- No need to enter the service panel, enabling a safer interconnection



*The Renewable Meter Adapter may save customers time and money.*

- Increases safety with a 60-amp circuit breaker for overcurrent protection
- SDG&E will operate and maintain the RMA for the life of the product

### Technical specifications:

- Underwriters Laboratories Inc. (UL), UL Listing 414 and 746C\*
- Meets National Electrical Code (NEC) requirements
- Accommodates up to a 11.5kW photovoltaic system
- Fits on electric meter panels rated up to 200 amps maximum.
- Provides an internal breaker limiting solar input to 48 amps maximum
- U.S. Patent Pending

For more information about the RMA or to purchase please visit: [sdge.com/RMA](http://sdge.com/RMA) or email us at: [RMA@semprautilities.com](mailto:RMA@semprautilities.com).

### Did you know?

The Renewable Meter Adapter simplifies the interconnection process and may be a less expensive alternative to high-cost upgrades.

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\*Underwriter Laboratories File Number E471839

# RMA Breaker Disconnect Box

## Specifications

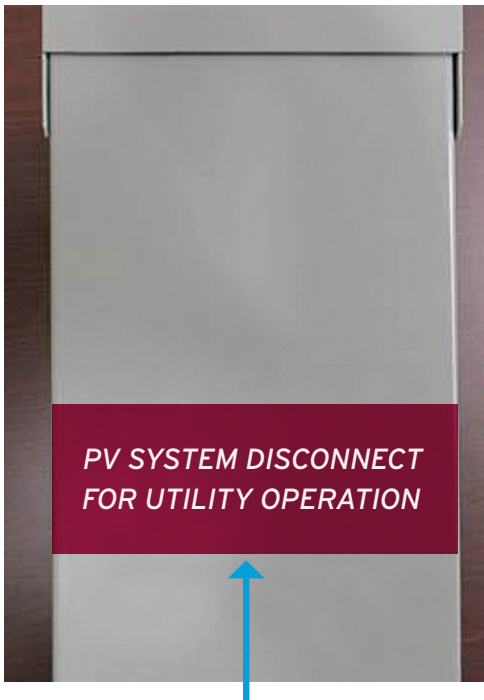
- NEMA3R enclosure
- Housing for circuit breaker
- 5-position ground bar and neutral bar

## Safety requirements for use

- Circuit breaker sized to solar photovoltaic (PV) system output per NEC code

## Warning Placard Location

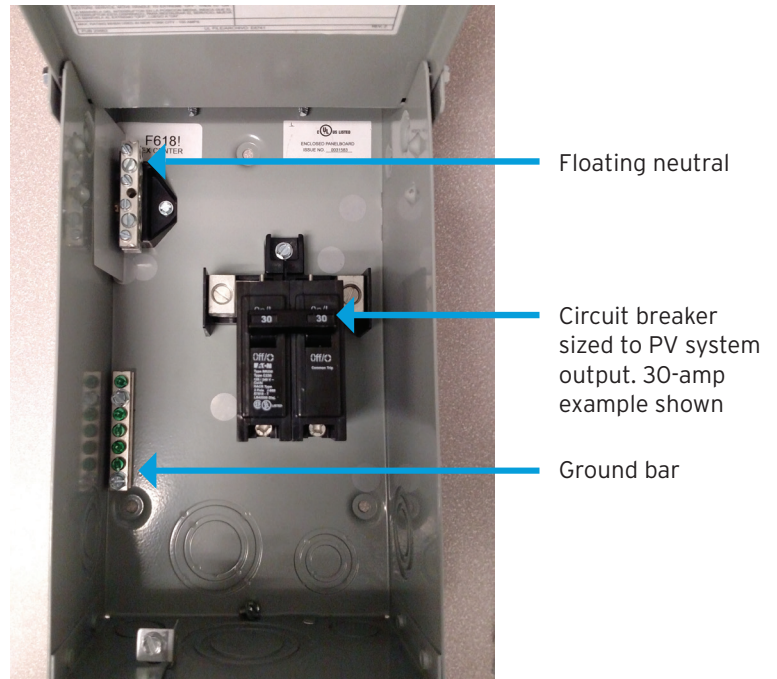
### Front of Breaker Disconnect



The warning plaque must be visible on front of RMA Breaker Disconnect. The warning plaque is supplied by the installer or customer. For installation instructions visit [sdge.com/rma](http://sdge.com/rma).

## Interior of RMA Breaker Disconnect

### Front panel removed



SDG&E will supply a circuit breaker sized to the PV system output as stated in the RMA request form, per NEC code calculations.