



**Eligibility Checklist for Instant Solar Photovoltaic (PV) Residential Permit**

**System**

- Lithium Ion.
- New Rooftop Residential PV Systems with Energy Storage Systems (ESS) limited to three stories or less with occupancy group R-3.

**Electrical**

- Existing electrical meter main shall have a proper PG&E electrical connection and seal.
- Current applicable California Electrical Code (CEC).
- 600V Max per DC System Size.
- Single phase only.
- No Aluminum Wires.
- Must Use 600V rated PV wire (due to outer diameter > 0.24" (6.1mm)).
- Must use 90°C (194°F) rated insulated wire.
- Height of rooftop conduit > = 7/8".
- Max 2 DC strings in parallel in conduit.
- Max 9 current carrying conductors in a raceway. (CEC 310.15 (C) (1))
- Inverter output circuit conductors must be THWN-2, or listed NM.
- Terminals must be rated to 75°C (167°F), labeled for use with Cu wires, and accept minimum 8 AWG wire.
- If using microinverter, 1 module per microinverter.
- Permitted to install on up to or equal to 400A Service.
- Permitted to install on up to or equal to 225A Service Disconnect.
- Permitted to install on up to or equal to 225A busbars.
- May install only 1 module type.
- May install only 1 racking system type.
- May install up to 2 Inverters for String Inverters, up to 1 inverter type for Micro-inverters and AC modules Systems.
- No existing permanent generator set connected to the home's electrical service.

**Structural**

- Current applicable California Codes.
- PV system and hardware weight is less than or equal to 5 pounds per square foot (PSF).
- Max installed PV height: 18" above roof surface.
- No temporary structures.
- No ground mounted systems.
- ESS must be less than 400 pounds (LB) in seismic Areas.

**Fire**

- Current applicable California Codes.