

**System**

Rooftop Residential PV Systems Only

**SolarAPP Version 2 Eligibility 4-20-2020**

Limited to 2017 NEC

600V Max per DC System Size

single phase only

No Aluminum Wires

Must Use 600V rated PV wire (due to outer diameter &gt; 0.24" (6.1mm))

Must use 90 deg C rated insulated wire

height of rooftop conduit &gt; = 7/8"

max 2 DC strings in parallel

max 9 current carrying conductors in a raceway

inverter output circuit conductors must be THWN-2

terminals must be rated to 75 deg C, 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

No existing PV on site

May install only 1 module type

May install up to 2 Inverters

**Structural**

2018 IBC

Home construction date no earlier than 1960

PV System &amp; Hardware PSF is less than or equal to 4 psf

Limit of 10" above the roof for pitched (&gt;2/12) roof systems

No metal roof in areas with &gt;15lb/sq.ft. snow loads

No wood shake roofs

**Fire**

2018 IRC