

# RU SOLAR STRING TRANSITION BOX



Residential Transition Boxes enable installers to transition and/or combine strings to conduit, reducing costs by enabling installers to switch to standard building wire and simplifying connections in the enclosure. It provides a touch-safe and secure means to transition strings. The low profile enclosure is designed to be mounted beneath the array using the optional box bracket accessory or adjacent to the array using racking system accessories.

## FEATURES & BENEFITS

- More reliable than using wire nuts, U-joints, or wire taps
- Mountable beneath the PV array
- Works with most microinverter brands
- Works with string inverters and optimizers.
- Twenty year usable outdoor life
- Reduces overall cable and wire BOS costs
- Simplifies installation and commissioning while reducing labor costs
- Terminal Wire Size Range (One Conductor) : (1) #6-#24
- Wire Size Range (Two Conductors): (2) #20-#12
- For RU-2 and RU-2-LP, (4) 2-Prong Jumpers

## SPECIFICATIONS

- Material** Polycarbonate
- Finish** Smooth Matte
- Color** Light Gray
- Color Code** RAL 7035
- Thickness** 3.3 mm

Table 1/2

Catalog Number	Height	Width	Depth	Protection Rating	Nominal Voltage	Nominal Voltage Type
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RU-1-LP	171 mm	81 mm	92 mm	NEMA Type 3; NEMA Type 3R; NEMA Type 4; NEMA Type 4X	600 V	AC/DC
RU-2-LP	178 mm	178 mm	80 mm	NEMA Type 3; NEMA Type 3R; NEMA Type 4; NEMA Type 4X	600 V	AC/DC

Table 2/2

Catalog Number	Connector Type	Max Current
RU-1-LP	Screw Clamp	57 A
RU-2-LP	Screw Clamp	57 A

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