



nVent RU-2-LP RU Solar String Transition Box Instructions

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nVent RU-2-LP RU Solar String Transition Box



RESIDENTIAL DC STRING TRANSITION BOX



The Solar RU-2-LP Box enables installers to transition and/or combine one to four DC strings to a single conduit, reducing costs by enabling installers to switch to standard building wire and simplifying connections in the enclosure. 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.

KEY FEATURES

- Mountable beneath the PV array.
- Works with string inverters and optimizers.
- NEMA 4X enclosure with 20 year usable outdoor life.
- Reduces overall cable and wire BOS costs.
- Simplifies installation and commissioning while reducing labor costs.
- More reliable than using wire nuts, U-joints, or wire taps.

SPECIFICATIONS

- Electrical Maximum Voltage: 600V AC / DC
- Specifications
 - Terminal Wire Size Range (One Conductor): (1) #6-#24
 - Wire Size Range (Two Conductors): (2) #20-#12
 - Connector Type: Screw Clamp
 - Jumpers: (4) 2-Prong Jumpers
 - Maximum Current Per Terminal: 57A
 - Maximum Combined Current Per Terminal: 57A
- Physical Enclosure Rating: NEMA 4X
- Specifications
 - Enclosure Material: VALOX™ Polycarbonate
 - Outer Dimensions: 7.01" x 7.01" x 3.13"
 - Shipping Carton Size: 7" x 8" x 4"
 - Shipping Weight: 1.37lb

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Documents / Resources

	nVent RU-2-LP RU Solar String Transition Box [pdf] Instructions RU-2-LP RU Solar String Transition Box, RU-2-LP, RU Solar String Transition Box, String Transition Box, Transition Box, Box
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References

-  [We connect and protect | nVent](#)
-  [Solar Transition and Combiner Boxes | nVent](#)