

SOLOBOX[®] RAIL

THE ULTIMATE JUNCTION EXPERIENCE

UNIRAC[®]
BETTER SOLAR STARTS HERE

Bring speed, flexibility, and reliability to junction box installation by mounting directly to the rail. With universal compatibility across major racking systems, it simplifies installation while delivering rugged rooftop performance.

UNIVERSAL RAIL COMPATIBILITY

- Designed to install directly onto the rail, eliminating the need for roof penetrations and additional mounting hardware.
- Compatible with all most racking systems and adaptable for both upslope and downslope installations.
- Simplifies system layout and placement.

SELF-LEVELING CLAMP

- Keeps the junction box flat and properly aligned beneath the module.
- The integrated clamp automatically levels the enclosure to maintain proper orientation and consistent installation across the array.

LARGE BOX

- More space where installers need it.
- Generous internal working space provides ample room for wire management and connections, helping crews work faster.
- Integrated Din Rail and Ground Bar supports multiple conductors and fittings.
- Manufactured from high-strength Noryl resin, withstands harsh environmental conditions while protecting electrical connections.
- Protects wiring and connections.

EASY ACCESS

- Install and service in seconds.
- A hinged, removeable lid with single-screw closure allows fast installation and maintenance without removing components. The lid stays attached during installation, minimizing dropped hardware and improving rooftop safety.



SOLOBOX[®] RAIL
SBOXRAIL-D

Secure in place with a single screw.

EACH KIT INCLUDES:

- ONE (1) Pre-installed Din Rail
- ONE (1) Pre-installed Ground Bar



SPECIFICATIONS & RATINGS

PRODUCT CERTIFICATIONS	UL1741
ENCLOSURE RATING	Type 3R
MAX VOLTAGE	1,000 V
MAX CURRENT	80 A
BOX DIMENSIONS	8.5" x 6" x 3" (150 cubic inches)
MAX CURRENT PER CIRCUIT	60A
MAX NUMBER OF INPUT CIRCUITS	6
ALLOWABLE WIRE	Inputs: 14 AWG – 6 AWG Outputs: 14 AWG – 6 AWG Ground: 14 AWG – 6 AWG
MOUNTING POSITIONS	On Roof: Slope Range: 1:12 - 12:12
MAX SLIDE WALL FITTING	1"
AMBIENT OPERATING CONDITIONS	-35°C TO 75°C
WIRE CONNECTORS REQUIREMENT	UL486C or UL486D Listed wire connectors for wire gauge 14 AWG to 6 AWG.

Technical specifications may change as Unirac strives to always stay ahead with the latest certifications. Please refer to the technical documentation at: www.unirac.com for the most up-to-date information.