



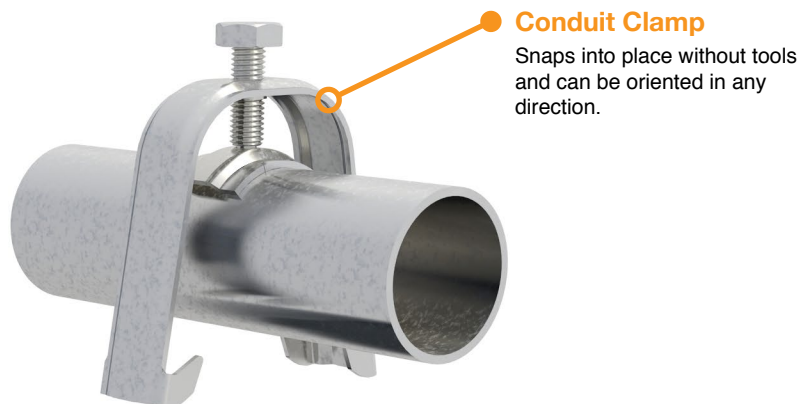
# Conduit Mount

## Security Outside the Array

Every component in a solar array is expected to last for decades while it does battle with extreme weather and harsh rooftop conditions. No small feat, these products must be carefully designed and extensively tested to handle the job, day-in and day-out.

However, many of the components installed just outside of the solar array receive far less attention and scrutiny, despite posing similar risks of equipment failures, leaks, and callbacks.

IronRidge Conduit Mount provides versatile support for a variety of electrical accessories, while protecting the roof with proven structural, electrical, and waterproofing technology.



### Conduit Clamp

Snaps into place without tools and can be oriented in any direction.



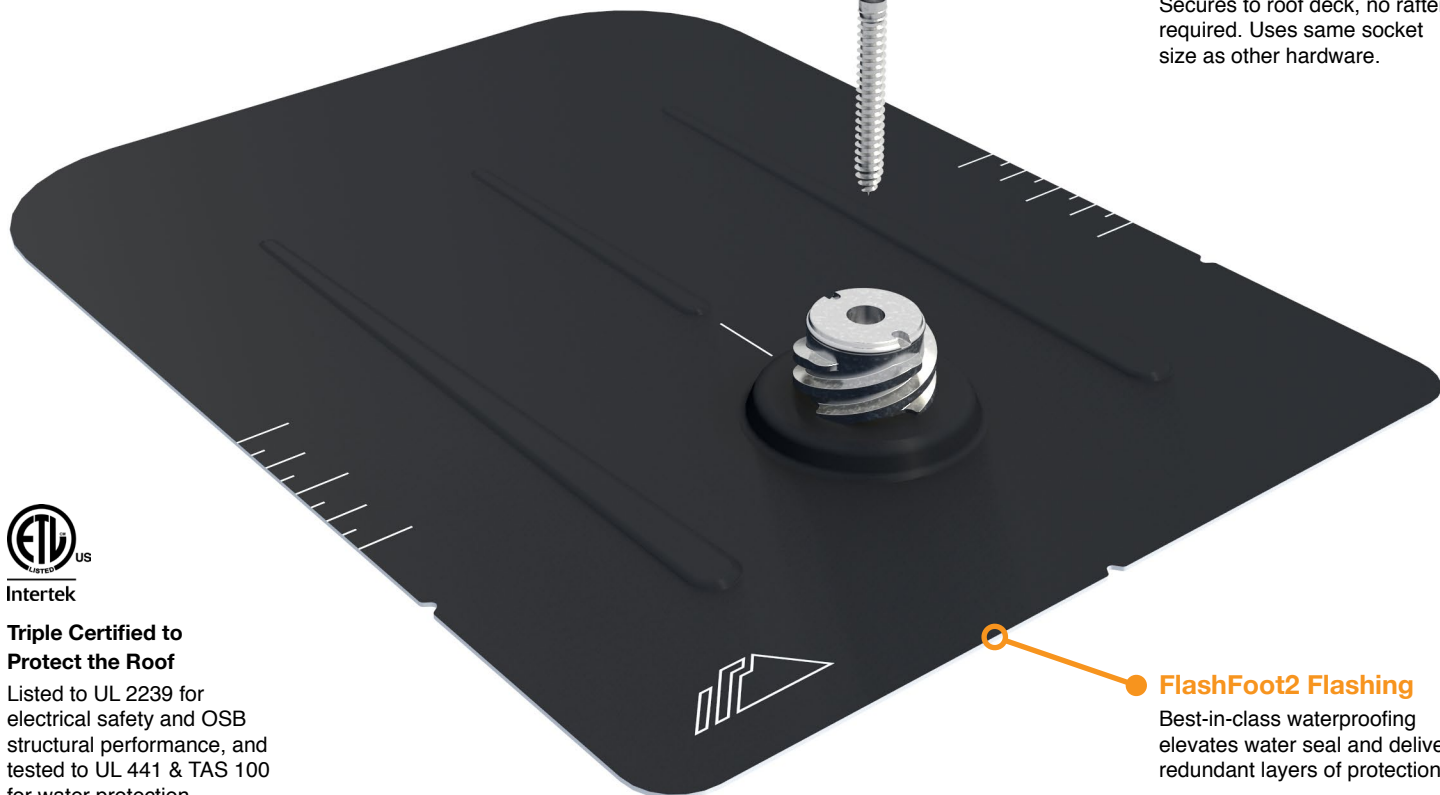
### Conduit Cap

Twists on without tools, encapsulates the seal, and provides elevated mounting.



### Deck Screw

Secures to roof deck, no rafter required. Uses same socket size as other hardware.



### FlashFoot2 Flashing

Best-in-class waterproofing elevates water seal and delivers redundant layers of protection.



### Triple Certified to Protect the Roof

Listed to UL 2239 for electrical safety and OSB structural performance, and tested to UL 441 & TAS 100 for water protection.

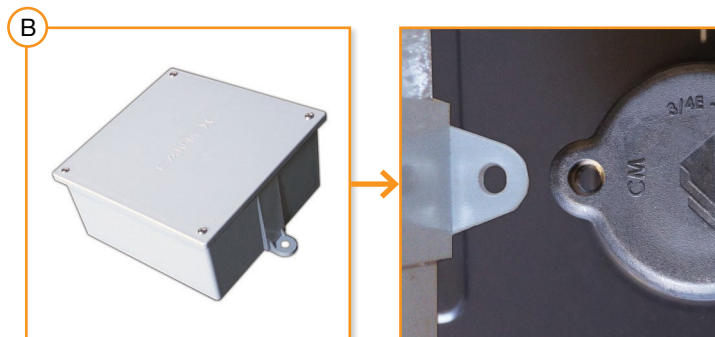
## More Than Conduit

The Conduit Cap is equipped with two threaded mounting holes (Figure A) that accept 1/4-20 stainless steel screws. Each mounting hole is rated for 40lbs of force, for a total load capacity of 80lbs per Conduit Cap. This makes it a very versatile solution, capable of supporting more than just conduit.

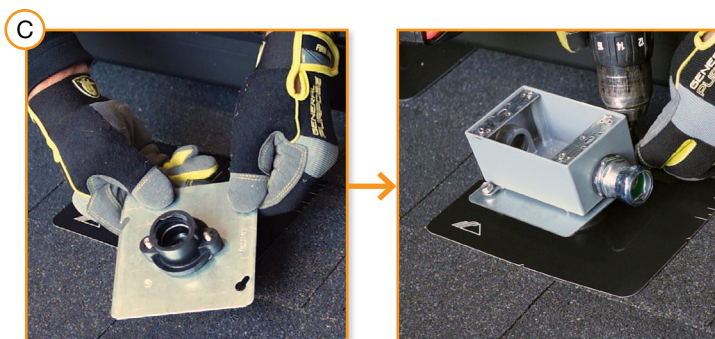


## Electrical Equipment Boxes

Rapid shutdown boxes and large junction boxes can be secured directly to a pair of conduit mounts. Space and align mounts with the device's mounting holes, then use 1/4"-20 x 1" pan head machine screws paired with 1/4" x 1-1/4" washers (Figure B).



Small junction boxes, on the other hand, can be secured to a single mount (Figure C). Drill holes 2" apart, centered on a 4-11/16" blank cover plate, then use 1/4"-20 x 1" flat head machine screws to secure the plate to the Cap. Secure the box to the plate by running self-tapping screws, or preferred hardware.



To prevent corrosion and roof staining, cold galvanizing compound should be applied to any holes drilled through galvanized steel.

## Strut Channels

Strut can be used to secure multiple conduit runs (Figure D) and other accessories. Place mounts at a spacing that supports the planned load, then use pan head screws with fender washers to secure the strut to the mounts.



## Not Just Solar

Conduit Mount was designed to meet the needs of solar, but it can also be used just about anytime a strong, waterproof roof support is required.

Condensate drains (Figure E) and other rooftop lines can be secured to Conduit Mount with the clamp, while strut is used in many applications outside solar.

Solar or otherwise, Conduit Mount provides a secure, waterproof support that will last the life of the roof, array, and beyond.

