IRONRIDGE

Uniquely shaped for flat roofs.

IronRidge BX delivers superior power density and design flexibility to flat roof solar arrays. Made of a glass-reinforced composite, the BX Chassis is engineered for extreme structural loading, yet is also shaped to be roof-friendly and easy to install.

Certified BX plan sets can be obtained instantly through an online Design Assistant or by contacting IronRidge Commercial Services.

Glass-Reinforced Composite
Corrosion-free and engineered for long-term structural performance.

Commercial Services
Engineering support to optimize system design.

Class A Fire Rating
Certified to maintain the fire resistance rating of the existing roof.

Design Assistant
Online software makes it simple to create, share, and price projects.

UL 2703 Listed System
Entire system and components meet newest effective UL 2703 standard.

25-Year Warranty
Products guaranteed to be free of impairing defects.

Chassis

5° Chassis

Ballasted mounting for 5 degree tilt angle.

- Max load spreading design
- Fully encloses ballast
- 360 degree drainage

10° Chassis

Ballasted mounting for 10 degree tilt angle.

- Max load spreading design
- Fully encloses ballast
- 360 degree drainage

Top Clamp

Combines with Bottom Clamp for top-bottom module grip.

- Secures above module
- One-tool attachment
- Mill aluminum 6000 series

Bottom Clamp

Combines with Top Clamp to up structural connection.

- Secures below module
- One-tool attachment
- Mill aluminum 6000 series

Grounding

8" Mod Bonding Jumper

Bond adjacent modules in the array.

- Press-on installation
- Tin-plate copper wire
- Factory crimped connection

38" Row Bonding Jumper

Complete row-to-row bonding in the array.

- Press-on installation
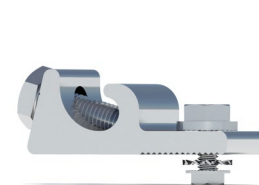- Tin-plate copper wire
- Factory crimped connection

MLPE Mounting Hardware

Optional mounting hardware for MLPE devices.

- Cap screw and cage nut
- 5/16" socket install
- Stainless steel 300 series

PV Mod Grounding Lug

Connect arrays to equipment ground.

- Low profile
- Mounts to module frame
- One per continuous array

Accessories

Cable Tie

Complete wire management with weatherproof ties.

- UV stabilized polyamide
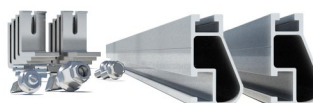- 12" length, bundle of 100
- Black finish

Edge Clip Cable Tie

Manage wires underneath module and Chassis flange.

- Clips to module & Chassis
- UV stabilized polyamide
- Black finish

String Inverter Mount Kit

Create mounting platform for inverters.

- Chassis, XR10 rail, hdw
- Up to 4' inverter base
- Raises inverter off deck

Flat Roof Attachment Kit

Add anchors to ballasted system.

- Includes hardware
- For ballast-attached hybrid
- Uses locally-sourced strut

Resources

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