

Solar Energy South Africa

Sweden ironridge bx



Overview

What is ironridge BX?

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. Corrosion-free and engineered for long-term structural performance.

Does ironridge have a Class A rating?

Therefore, the rating is applicable to any module to roof gap. IronRidge is currently Class A certified for Flush Mount applications parallel to roof with Type 1 and 2 modules. Tilt Mount systems are certified with Type 1 modules. What if I have a Class C roof, but the jurisdiction now requires Class A or B?

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Does ironridge UFO rust?

The UL 2703 certification process included extensive environmental and corrosion testing. The high quality stainless steel used in the IronRidge UFO does not cause significant galvanic corrosion, even in extreme environments.

Sweden ironridge bx



[Ballasted Flat Roof Design Assistant](#)

A sophisticated visual editor is now available in the BX Design Assistant--great for small commercial projects with complex roof shapes, panels skewed to roof edges, and multiple roof planes. If you have any issues, please contact IronRidge Tech Support at 1-800-227-9523 ext 1 or email support@ironridge . CLOSE CLOSE CLICK ON THIS LINK

IronRidge BX-10D-P1 BX Chassis Ballasted Mount 10 ...

IronRidge BX-10D-P1 BX Chassis Ballasted Mount 10 Degrees. The IronRidge® BX System is designed to meet the needs of commercial solar--navigating complex roof layouts, while also handling the most extreme environmental ...



IronRidge BX-10D-P1 BX Chassis Ballasted Mount 10 Degrees

The IronRidge® BX System is designed to meet the needs of commercial solar--navigating complex roof layouts, while also handling the most extreme environmental conditions. At the core of the BX system is the Chassis, a ballasted mount made of BASF Ultramid. Ultramid polyamides are exceptional for their high mechanical strength, rigidity and

[BX Flat Roof Attachment](#)

BX BALLAST SYSTEM. 5 & 10 Degree Chassis; DOCUMENTATION. XR System; QRail System; BX Ballast System; Ground Based. XR Ground Mount System; Documentation; Design Tools. If you have any issues, please contact IronRidge Tech Support at 1-800-227-9523 ext 1 or email support@ironridge . CLOSE CLOSE CLICK ON THIS LINK TO REGISTER FOR



[IronRidge BX-5D-P1](#)

Shop for IronRidge BX-5D-P1 at Inverter Supply for best prices online. IronRidge BX-5D-P1, IronRidge, BX-5D-P1, BX Chassis 5 deg, IronRidge BX Chassis . 888-606-2149. Log In; Order Status. About. Contacts. Manufacturers; AIMS Power. AIMS 12 Volt Off Grid Solar Kits;

BX Top Clamp

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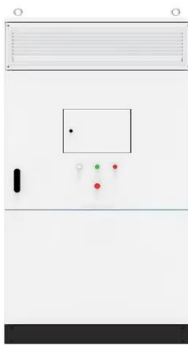


BX Top Clamp

bx-tcl-	bx-tcl-	bx-tcl-	bx-tcl-	bx-tcl-	description
30mm-	32mm-	33mm-	35mm-	38mm-	bx-tcl40mm-
bx-tcl46mm-	ml	ml	ml	ml	ml
clamp	clamp	clamp	clamp	clamp	clamp
30mm	32mm,	33mm	35mm	38mm,	40mm
46mm	1	1	1	1	1
.181	260	299	378	496	575
811	bx top	bx top	bx top	bx top	bx top
	bx top	bx top	bx top	bx top	bx top

[Resources , Ballasted Flat Roof](#)

BX Edge Clip Cable Tie Cut Sheet. BX Chassis. BX Chassis 10 degrees Cut Sheet. BX Chassis 5 degrees Cut Sheet. BX Chassis Tech Brief. BX Clamps. IronRidge has a number of parts that are manufactured in the United States ...



[Strong, Light, and Ready for Anything](#)

The IronRidge BX System is designed to meet the needs of commercial solar--navigating complex roof layouts, while also handling the most extreme environmental conditions. At the core of BX is the Chassis, a ballasted mount made of BASF Ultramid polyamides. They are exceptional for their high mechanical

Domestic Content with IronRidge Racking & SolarEdge Inverters

The BX system is currently manufactured in the US and can contribute meaningfully to reaching the 40% Domestic Content minimum for C& I projects. Projects using our BX solution can qualify for the ITC Domestic Content bonus credit through the IRS guidance that was issued in May, 2023. IronRidge sources material through a global, diversified



[Flat Roof Mounting Solutions](#)

BX Chassis is designed to clamp PV modules and secure them in place. The Chassis is available in two SKUs: 5 and 10 degree tilt configurations. Racking: IronRidge: Ballasted, Flat Roof: Fixed



Tilt Legs Tilt assembly to the desired angle, up to 30 degrees. Kits include South and North Tilt Leg and all hardware. Racking: IronRidge: Flat Roof

[IronRidge BX 10° Chassis BX-10D-P1](#)

BX Chassis is designed to clamp PV modules and secure them in place. Reference tabs are integrated to aid with aligning modules according to system layout. The Chassis is available in two SKUs: 5 and 10-degree tilt configurations.



[Webinar: IronRidge BX Ballast System](#)

Join us as for a training on IronRidge's Ballast solution, BX. This will cover the benefits and features as well as installation of this product line. If you have any issues, please contact IronRidge Tech Support at 1-800-227-9523 ext 1 or email support@ironridge . CLOSE CLOSE CLICK ON THIS LINK TO REGISTER FOR INTERSOLAR 2023. Then

[BX Flat Roof Attachment](#)

BX Flat Roof Attachment v1.0. t heet 1.25 .41 .06
.31 .11 1.92 1.88 .40 1.22 3.00 .94 1.92 .42 .73
1.25 5/16-18 THD 2) Foot, Extruded L -Slotted 1)
Washer Flat 3/8 x 1.25 OD SS 3) Carraige Bolt,
5/16-18 X 1.5 Property Value Material 6000
Series Alluminum Finish Mill Property Value



UL 3741 PV HAZARD CONTROL INSTALLATION ADDENDUM

All Modules listed in BX Module Compatibility Section with max module area of 30.5ft² BX Components o 5 Deg BX Chassis (BX-5D-P1) o 10 Deg BX Chassis (BX-10D-P1) o Bottom Clamp (BX-BCL-M1) o Top Clamp (BX-TCL-XXMM-M1), where XX is 30 thru 46 BX Accessories o Bonding Jumper (BX-MB8-M1 and BX-RB38-M1)

BX BALLASTED SYSTEMS LISTED TO UL 3741 INSTALL BX

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IronRidge's BX UL 3741, Photovoltaic Hazard Control System (PVHCS) listing, allows systems to be designed up to 1000V without the need for module-level power electronics (MLPE). Cost Savings on BX Projects The BX Ballasted System is listed to UL 3741 and approved with select string inverters that incorporate safety requirements for rapid



[BX Grounding Lug](#)

BX BALLAST SYSTEM. 5 & 10 Degree Chassis; DOCUMENTATION. XR System; QRail System; BX Ballast System; Ground Based. XR Ground Mount System; Documentation; Design Tools. If you



have any issues, please contact IronRidge Tech Support at 1-800-227-9523 ext 1 or email support@ironridge . CLOSE CLOSE CLICK ON THIS LINK TO REGISTER FOR

[Aire® Racking for Flat Roofs](#)

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[BX Bottom Clamp](#)

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UL 3741 , BX Ballasted Systems , Commercial Solar

The BX Ballasted System is listed to UL 3741 and approved with select string inverters that incorporate safety requirements for rapid shutdown. Without the need for MLPE, system costs can be dramatically reduced, saving on ...



[IronRidge BX 10° Chassis BX-10D-P1](#)

IronRidge, BX 10° Chassis, BX-10D-P1. WANT A SOLAR PANEL SYSTEM AT THE LOWEST COST? START SOLAR DESIGN. View All Close. Videos. Introducing BX // IronRidge® Ballasted System. Introducing BX, a ballasted solution designed to meet the need How to Install the IronRidge® BX Ballasted System // Flat Roof Solar.

[Resources , Ballasted Flat Roof](#)

BX Edge Clip Cable Tie Cut Sheet. BX Chassis. BX Chassis 10 degrees Cut Sheet. BX Chassis 5 degrees Cut Sheet. BX Chassis Tech Brief. BX Clamps. IronRidge has a number of parts that are manufactured in the United States and qualify for the IRS domestic content bonus credit. Rails. Type P/N Description Finish; XR 10:



[BX Ballasted Systems Listed to UL 3741](#)

The IronRidge BX System is listed to UL 3741, in addition to UL 2703, offering more design flexibility. This includes the option to design without using MLPE devices, which can reduce material and installation costs. Refer to the BX Installation Addendum for instructions on how to

design and build a UL-3741-compliant system.

[IronRidge Roof Mount Datasheet](#)

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.



BX BALLASTED SYSTEM UTILIZES GLASS-REINFORCED

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BX CHASSIS Every component in the IronRidge BX Ballasted System has been tested to the limit and proven to endure. Our rigorous approach includes unique structural features, such as multi-dimensional clamps, 360° reinforcement, and a roof-friendly design. All of our products are fully-certified, code-compliant, listed

Contact Us

For catalog requests, pricing, or partnerships, please visit:
<https://ian-solar.co.za>