

PRODUCT DATA SHEET



Sloping Roof Stainless Steel Enclosure

BE SR SSXXXXXX X

SPECIFICATION

Material	316L Stainless Steel
Body thickness	1.5 mm
Mounting plate	1.5 mm galvanized steel, powder coated grey
Gland plate	2.0 mm Stainless steel
Roof Slope	30 degree
Surface finish	N4 Uniform grain, Satin Finish
Lock	Chrome Quarter turn lock 50mm Double Bit
Door gasket	Injected Polyurethane
Construction	Fully welded
Ingress/impact rating	IP66, IK10
Door earth bond	Included
Rated Voltage	415V, 230V AC
Rated Current	630A AC
Fault Current Rating	20 kA AC

APPLICATION

BiigEnergy Stainless steel slopping roof enclosures are designed for harsh industrial environments, providing robust protection for electrical and instrumentation components indoor and outdoor areas. Products are manufactured to high Quality and Environmental Standards.

Typical applications include:

- Local Control Stations (LCS)
- Marshalling Panels
- Instrument Junction & Terminal Boxes
- Power Junction Boxes
- Distribution Panels

Suitable for applications with rated current < 630 A or 20 kA fault rating (typical).

INCLUDED ACCESSORIES

Wall Mounting Set: 4xM6 Nut, 4xBracket

Earth Stud Marking Sticker: 2

Panel Key double bit (NOS): x1

Perspex Sheet: 4.0mm

COMPLIANCE

- **IP rating:** IP66 rated, NEMA 4X — IEC 60529 (Degrees of Protection)
- **Wind rating:** Region D — AS/NZS 1170.2-2002
- **Wiring rules:** AS/NZS 3000:2018
- **Switchgear assemblies:** AS/NZS 61439.1:2016 (LV switchgear and control gear assemblies — General rules)
- Manufactured and tested in accordance **with IEC 62208 / AS/NZS 62208** for empty enclosures, suitable for use in low-voltage switchgear and control gear assemblies.
- IP2X ingress protection rating under AS/NZS 60529 / IEC 60529 (finger Safe Protection to internal live parts).

Warranty. BiigEnergy warrants its products for 5 years from the date of purchase against defects in workmanship, materials, and design. This warranty does not cover normal wear and tear, corrosive environments, salt-air electrochemical corrosion, misuse, lack of care, incorrect installation, or inadequate maintenance. It also excludes damage caused by events beyond BiigEnergy's control, including fire, flood, natural disasters, terrorism, and external accidents. BiigEnergy will repair, modify, or replace defective components at its discretion, with replacement parts supplied within a reasonable timeframe. Liability under this warranty is limited to the wholesale purchase value of the product. Any unauthorized modification or repair will void this warranty. Warranty claims must be submitted within 5 years of purchase and must include proof of purchase, place of purchase, defect details, date the defect arose, and contact information.

ORDERING GUIDE

1. Stainless Steel Slopping Roof

Enclosure ID	Enclosure Description	Body (mm)					Mounting Plate		Gland Plate	Weight
		H	W	D	Material	Thickness (mm)	Material	Thickness (mm)		
BE SR SS303015	Sloping roof stainless steel enclosure 300x300x150	300	300	150	SS 316L	1.5	SS 316	2	☒	xx
BE SR SS404020	Sloping roof stainless steel enclosure 400x400x200	400	400	200	SS 316L	1.5	SS 316	2	☒	xx
BE SR SS505025	Sloping roof stainless steel enclosure 500x500x250	500	500	250	SS 316L	1.5	SS 316	2	☒	xx
BE SR SS606030	Sloping roof stainless steel enclosure 600x600x300	600	600	300	SS 316L	1.5	SS 316	2	☒	xx
BE SR SS808030	Sloping roof stainless steel enclosure 800x800x300	800	800	300	SS 316L	1.5	SS 316	2	☒	xx
BE SR SS1007040	Sloping roof stainless steel enclosure 1000x700x400	1000	700	400	SS 316L	1.5	SS 316	2	☒	xx
Custom Built	Custom made to suite your project Specification.	xxxx	xxx	xxx	SS 316L	x.x	SS 316	x	☒	xx

2. Stainless Steel Slopping Roof with Window

Enclosure ID	Enclosure Description	Body (mm)					Mounting Plate		Gland Plate	Weight
		H	W	D	Material	Thickness (mm)	Material	Thickness (mm)		
BE SR SS303015 W	Sloping roof stainless steel enclosure with Window 300x300x150	300	300	150	SS 316L	1.5	SS 316	2	☒	xx
BE SR SS404020 W	Sloping roof stainless steel enclosure with Window 400x400x200	400	400	200	SS 316L	1.5	SS 316	2	☒	xx
BE SR SS505025 W	Sloping roof stainless steel enclosure with Window 500x500x250	500	500	250	SS 316L	1.5	SS 316	2	☒	xx
BE SR SS606025 W	Sloping roof stainless steel enclosure with Window 600x600x250	600	600	250	SS 316L	1.5	SS 316	2	☒	xx
Custom Built	Custom Made to suite your project Specification.	xxxx	xxx	xxx	SS 316L	x.x	SS 316	x	☒	xx

3. Galvanized Steel Slopping Roof Powder Coated Orange (without window)

Enclosure ID	Enclosure Description	Body (mm)					Mounting Plate		Gland Plate	Weight
		H	W	D	Material	Thickness (mm)	Material	Thickness (mm)		
BE SR GSPC303015 OR	Sloping Roof Galvanized Steel Enclosure Powder Coated Orange 300x300x150	300	300	150	SS 316L	1.5	Gal Steel	2	☒	xx
BE SR GSPC404020 OR	Sloping Roof Galvanized Steel Enclosure Powder Coated Orange 400x400x200	400	400	200	SS 316L	1.5	Galv	2	☒	xx
BE SR GSPC504025 OR	Sloping Roof Galvanized Steel Enclosure Powder Coated Orange 500x500x250	500	500	250	SS 316L	1.5	Galv	2	☒	xx
BE SR GSPC604025 OR	Sloping Roof Galvanized Steel Enclosure Powder Coated Orange 600x600x300	600	600	300	SS 316L	1.5	Galv	2	☒	xx
BE SR GSPC806030 OR	Sloping Roof Galvanized Steel Enclosure Powder Coated Orange 800x800x300	800	800	300	SS 316L	1.5	Galv	2	☒	xx
BE SR GSPC1007040 OR	Sloping Roof Galvanized Steel Enclosure Powder Coated Orange 1000x700x400	1000	700	400	SS 316L	1.5	Galv	2	☒	xx
BE SR CSPC1008030 OR	Sloping Roof Galvanized Steel Enclosure Powder Coated Orange 1000x800x300	1000	800	300	SS 316L	1.5	Galv	2	☒	xx
Custom Built	Custom Made to suite your project Specification.	xxxx	xxx	xxx	SS 316L	x.x	SS 316	x	☒	xx



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Design and Built Philosophy

BiigEnergy Local Control Stations are designed to provide safe, reliable, and operator-friendly field control for industrial equipment in harsh Australian environments. The design philosophy is centered on personnel safety, functional simplicity, durability, and compliance, ensuring that operators can start, stop, isolate, and monitor equipment with confidence.
