

PRODUCT DATA SHEET



Box Type Carbon Steel Powder Coated Enclosure BE BT CSPCXXXXXX XXX

SPECIFICATION

Material	316L Galvanized Steel
Body thickness	1.0 mm
Mounting plate	1.5 mm galvanized steel, powder coated grey
Gland plate	1.5 mm Galvanized steel
Surface finish	Powder Coated Grey
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 BOX TYPE 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: 3
Plastic/Silicon Hole Plug: 4xM8, 4xM6
Panel Key double bit (NOS): x1
Silicon O Rings: 12xM6
Gland Plate Screws: M5x8

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.

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

Box Type Carbon Steel Enclosure Powder Coated Grey



Enclosure ID	Enclosure Name	H	W	D	Weight (kg)	Material	Thickness (mm)
BE BT CSPC202015 GRY	Box Type Carbon Steel Enclosure Powder Coated Grey	200	200	150	2.3	Carbon Steel	1.2
BE BT CSPC302015 GRY	Box Type Carbon Steel Enclosure Powder Coated Grey	300	200	150	3.2	Carbon Steel	1
BE BT CSPC302520 GRY	Box Type Carbon Steel Enclosure Powder Coated Grey	300	250	200	4.3	Carbon Steel	1
BE BT CSPC402025 GRY	Box Type Carbon Steel Enclosure Powder Coated Grey	400	200	250	4.3	Carbon Steel	1
BE BT CSPC403015 GRY	Box Type Carbon Steel Enclosure Powder Coated Grey	400	300	150	5.5	Carbon Steel	1
BE BT CSPC403020 GRY	Box Type Carbon Steel Enclosure Powder Coated Grey	400	300	200	6.2	Carbon Steel	1
BE BT CSPC403025 GRY	Box Type Carbon Steel Enclosure Powder Coated Grey	400	300	250	6.8	Carbon Steel	1
BE BT CSPC404015 GRY	Box Type Carbon Steel Enclosure Powder Coated Grey	400	400	150	6.9	Carbon Steel	1
BE BT CSPC404025 GRY	Box Type Carbon Steel Enclosure Powder Coated Grey	400	400	250	8.5	Carbon Steel	1
BE BT CSPC504020 GRY	Box Type Carbon Steel Enclosure Powder Coated Grey	500	400	200	9.2	Carbon Steel	1
BE BT CSPC204025 GRY	Box Type Carbon Steel Enclosure Powder Coated Grey	200	400	250	5.2	Carbon Steel	1
BE BT CSPC505020 GRY	Box Type Carbon Steel Enclosure Powder Coated Grey	500	500	200	11.0	Carbon Steel	1
BE BT CSPC505025 GRY	Box Type Carbon Steel Enclosure Powder Coated Grey	500	500	250	12.1	Carbon Steel	1
BE BT CSPC604020 GRY	Box Type Carbon Steel Enclosure Powder Coated Grey	600	400	200	10.8	Carbon Steel	1
BE BT CSPC604025 GRY	Box Type Carbon Steel Enclosure Powder Coated Grey	600	400	250	11.7	Carbon Steel	1
BE BT CSPC605020 GRY	Box Type Carbon Steel Enclosure Powder Coated Grey	600	500	200	12.9	Carbon Steel	1
BE BT CSPC605025 GRY	Box Type Carbon Steel Enclosure Powder Coated Grey	600	500	250	13.9	Carbon Steel	1
BE BT CSPC605030 GRY	Box Type Carbon Steel Enclosure Powder Coated Grey	600	500	300	15.0	Carbon Steel	1
BE BT CSPC705020 GRY	Box Type Carbon Steel Enclosure Powder Coated Grey	700	500	200	17.6	Carbon Steel	1.2
BE BT CSPC705030 GRY	Box Type Carbon Steel Enclosure Powder Coated Grey	700	500	300	20.5	Carbon Steel	1.2
BE BT CSPC806020 GRY	Box Type Carbon Steel Enclosure Powder Coated Grey	800	600	200	23.1	Carbon Steel	1.2
BE BT CSPC806025 GRY	Box Type Carbon Steel Enclosure Powder Coated Grey	800	600	250	24.7	Carbon Steel	1.2



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Design and Built Philosophy

BiigEnergy Enclosure 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.
