



Technology Solutions in Motion

The XLR8-CB Photovoltaic Combiner Box is intended for Solar installations where grid-tie in is required, combining output strings from multiple PV arrays.

The XLR8-CB Combiner Box housing is a rugged, NEMA 4X

weatherproof enclosure. For an absolute safe operations option, the door handle can double as a power disconnect switch to ensure electric power is cut when the door is opened.

We offer standard and build-to-order units to accommodate specific project requirements. The XLR8-CB is built entirely by the XLR8 team.

Installation is easy. Innovative design to ensure reliable operations. Options for data collection, available.

Why XLR8? When your projects Count...you can Count on XLR8 to deliver!

XLR8 – CB Photovoltaic Combiner Box Specifications

Bill of Material/Standards:

- Enclosure Fiberglass
- Backpanel
- Fused Terminals (+) Standard
- Switch, Shaft, Handle
- Surge Protection
- Grounding Strip
- Wire
- Hardware
- UL 1741 - built to standard
- PE Approved Drawing Package

Options:

- Fused Negative Terminals
- PV Inverter Lugs
- Through Door Disconnect
- Programming, Commissioning
- Training
- Cabinet Drain Vent
- FAT Testing
- Shipping
- Storage

ITEM NO: XLR8-CB-400-25-1500

SIZE	CODE	DRAWN BY	REV
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MECHANICAL SPECIFICATIONS

Part Number	XLR8-CB-XXX-XX-XXXX
Dimensions	24H x 20W x 9D
Weight	74.04 lbs (based on 25 string)
Cooling	½" – 20 Breather Vent
Installation Mounting	Wall, Pedestal, Array Structure/Frame, or Pole mount
Enclosure Material	NEMA 4X Fiberglass Steel Construction, reinforced polyester, IP66 Waterproof Grade
Internal Component Mounted	Back Plane provided, as standard
Main Switch	Non-Fusible 2P Disconnect

ELECTRICAL SPECIFICATIONS

System Voltage	1500Vdc
Max Current	400Vdc
Main Switch	2P 1500Vdc, 400AMP
Max Fuse/Circuit Rating	32A/Fuse Holder 400A Total

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