



Engineering Specification Sheet

PROMINENCE SERIES 12 string combiner box with 200 amp disconnect switch

GENERAL INFORMATION

- **Description:** 12 string fused combiner box with 200A disconnect. 200A at 600VDC maximum output.
- **Dimensions:**

	Part number
○ NEMA 4X Fiberglass (Standard): 25.59" x 21.59" x 10.39", 45 lbs.	PR-12-200-FG
○ NEMA 4 Metallic (Optional): 24.00" x 20.00" x 8.00", 50 lbs.	PR-12-200-S
○ NEMA 4X 316 Stainless (Optional) 24.00" x 20.00" x 8.00", 50 lbs.	PR-12-200-SS
- **Fuse holders:** 12 finger safe, non-load break fuse holders. 30A, 1000VDC rated. Fuse amperage rating may differ as long as total amperes of all fuses do not exceed the bus rating or 30A per string.

TECHNICAL SPECIFICATIONS

- **Disconnect Switch:** 600 VDC, 200A, load break, rated for continuous duty class DC-21.
- **Input Wires:**

Fuses:	12 total, 8-14AWG, 75°C, Cu Wire
--------	----------------------------------
- **Output Wires:**

Fused, Non-Fused:	1 ea., 350MCM-6AWG, 90°C, Cu/Al Wire
-------------------	--------------------------------------
- **Ground Terminals:**

	1 ea., 350MCM-6AWG, 90°C, Cu/Al Wire
	13 total, 4-14AWG, 90°C, Cu/Al Wire
- **Operating Temperature, Humidity:** -10°C to +60°C (15°F to 130°F), 0-100% Humidity
- **Busbars:** C11000 Alloy (Copper), electroplated to prevent corrosion. Rated continuous duty.

FEATURES

- **Safety shields:** Lexan shields over all live parts for a completely deadfront unit.
- **Labeling:** All components, wire ranges, torque values silkscreened onto backpan.
- **Mounting panel:** White powder coat with integrated wire management, hydraulically inserted threaded nuts for maximum gripping strength.
- **Insulators:** All busbars are supported by 1000VDC rated insulators for added rigidity.

OPTIONS

- **Surge Protection:** Surge protection can be added for an additional cost. Just add "SP" at the end of part number.

APPROVALS

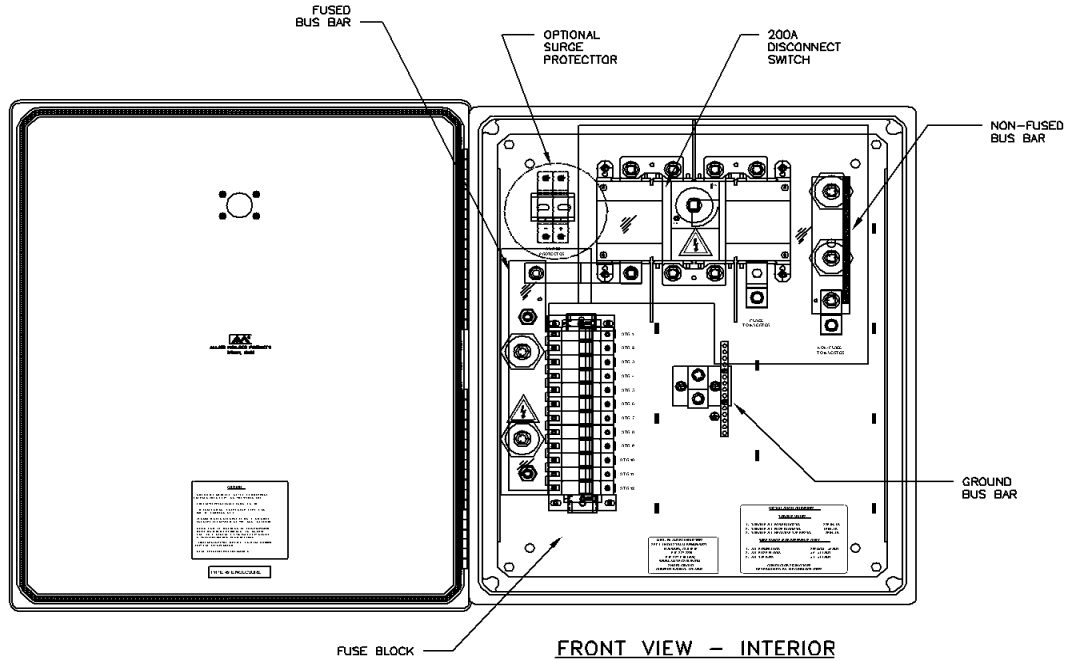
- Listed to UL1741, CAN/CSA C22.2 Listed @ 600Volts, CE Listed @ 1000Volts

AMtec Solar
2501 Industrial Parkway West, Hayward CA 94545

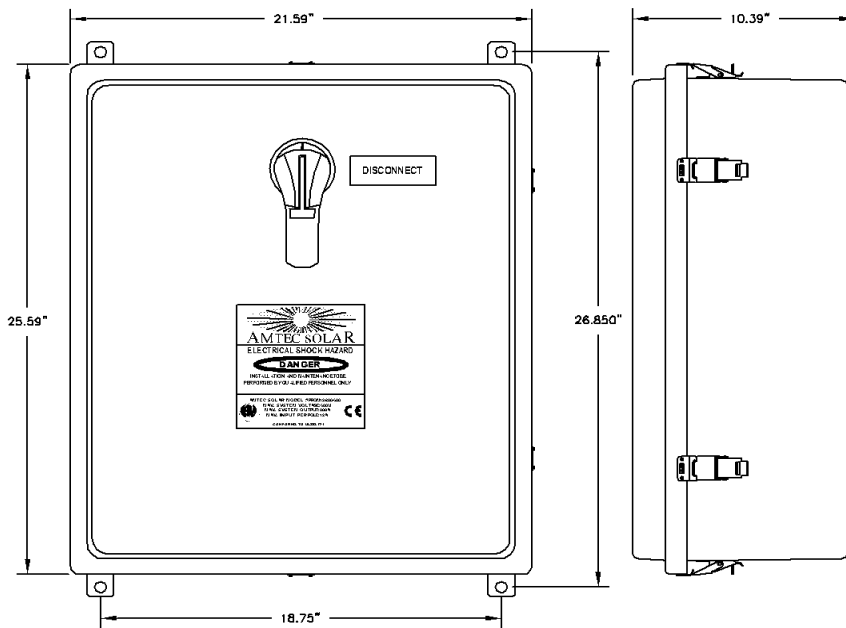
www.amtecsolar.com

510.887.2289



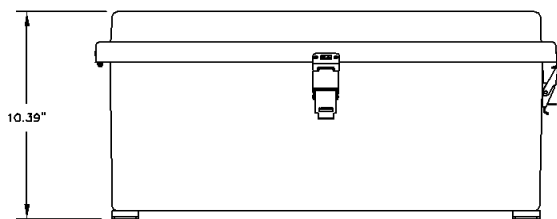


FRONT VIEW - INTERIOR



FRONT VIEW

RIGHT VIEW



BOTTOM VIEW

-Layouts shown are for standard fiberglass enclosure-