



ACR-1000 Recombiner

Features

- UL 508A listed
- Copper bussing
- White powder-coated enclosure
- Type 4 rating
- Integral heat shield
- Integral universal mounting rails
- Land up to 6-sets of #750
- Buss taps for auxiliary devices
- 10-year limited warranty
- Smaller than a 72-cell module
- Significant savings vs. panelboard



Finally, an AC recombiner built *specifically* for the rooftop C&I market.

The ACR-1000 by S2 Systems is a creative, cost-effective solution to recombining AC string inverter outputs on rooftop solar. Built for the discerning C&I solar EPC and builder, this unique AC recombiner allows for a fast, clean installation that is O&M friendly throughout the life cycle of the asset. From its rugged, powder-coated enclosure to its thoughtful layout and generous wire bending area, the ACR-1000 is a thoroughbred that is born to be a leader. Key innovations include a gas spring cover, integral heat shield, and universal mounting rails.



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Specifications

Number of Inverter Inputs	7 to 10
Inverter Fuse Rating @ 125%	70 to 100A (Max)
Fuse Type	Class T fuse, Littelfuse JLLS-100 or equal
Inverter Input Wire Range	#6 – 2/0 CU/AL
Max AC Current Rating	1000A @ 125%
AC Voltage Rating	600Vac, 3-phase, 4-wire
Main Disconnect Rating	Unfused, 600Vac, 1000A
Main Disconnect Wire Range	4 #2-600 (Std), 6 #4-750 (Optional)
Rating	UL 508A listed
Optional Equipment	All busses tapped 10-24 for auxiliary devices
Dimensions	41.5" x 60" x 12" 360#
Mounting	Integral mounting rails, non-penetrating
Enclosure Specifications	Type 4 rating, STD: 14ga cold rolled carbon steel, powder coated white S304: 14ga 304 Stainless Steel (optional) S316: 14ga 316 Stainless Steel (optional)

