

STRCOM

FEATURES

- NEMA 4
- 4-30 fused positions
- Multiple fuse sizes

OPTIONS

- DC disconnect
- Stainless steel enclosure
- Locking mechanism
- Surge arrester



STRING COMBINERS

Solectria Renewables' fused PV string combiners offer 4 to 30 fuse positions and fuse values ranging from 6A to 20A. The rugged, NEMA 4 sealed enclosure can be mounted vertically or horizontally and is designed to perform in the harshest conditions. The string combiner series offers an optional DC disconnect, rail mounted surge arrestors and the enclosure finish can be upgraded from standard, polyester powder coated steel to stainless steel in a NEMA 4X configuration.



SPECIFICATIONS

Number of Fused Inputs	4 to 12	13 to 24	25 to 30
Input Wire Range	14-6 AWG		
Output Wire Range	4 AWG-250 kcmil	4 AWG-400 kcmil or (2) 1/0 AWG-250 kcmil	
Maximum Voltage	600 VDC		
Maximum Current	60-180 A	195-360 A	375-400 A
Fuse Range	6A, 8A, 10A, 12A, 15A, 20A		6A, 8A, 10A, 12A, 15A
Operating Temperature	-13°F to +122°F (-25°C to +50°C)		
Mounting Locations	Indoor, Outdoor, Wall, Array, Rooftop		
Testing & Certifications			
Safety Listings & Certifications	UL 1741, UL 67, CSA C22.2#107.1		
Testing Agency	ETL		
Warranty			
Standard	5 year		
Enclosure			
Dimensions (H x W x D)	24 in. x 20 in. x 6.75 in. (610 mm x 508 mm x 172 mm)		
Weight	40 lbs (18.2 kg)	41 lbs (18.6 kg)	42 lbs (19.1 kg)
Enclosure Rating	NEMA 4 (stainless option: NEMA 4X)		
Enclosure Finish	Polyester powder coated steel; Optional stainless steel		

DC DISCONNECT OPTION SPECIFICATIONS

Number of Fused Inputs	8	16	24
Output Wire Range	6AWG-300 kcmil	6AWG-350 kcmil	6AWG-350 kcmil
Maximum Current	120 A	180 A	180 A
Dimensions (H x W x D)	16 in. x 14 in. x 6 in. (406.4 mm x 355.6 mm x 152.4 mm)	18 in. x 16 in. x 8 in. (457.2 mm x 406.4 mm x 203.2 mm)	20 in. x 20 in. x 6 in. (508 in. x 508 in. x 152.4 in.)
Enclosure Rating	NEMA 4X	NEMA 4X	NEMA 4
Enclosure Finish	Fiberglass	Fiberglass	Polyester powder coated steel



The rugged STRCOM allows for 4-30 fused input positions.



Solectria Renewables' STRCOM string combiners are the most durable combiners in the industry.