



# DISCOM 1500

## FEATURES

- 1,500 VDC
- 8-24 fused positions
- 8-40 strings
- Multiple fuse sizes
- 250, 325 & 400 A DC disconnect
- Locking mechanism
- Connection plates for compression terminals
- 90°C Terminal Rating

## OPTIONS

- Type 4X fiberglass enclosure
- Surge arrestor (1500 V)
- Multi-contact MC4 or Amphenol Helios H4 PV connectors
- Positive and negative switched, NEC 2017 option

## 1,500 VDC DISCONNECTING STRING COMBINERS

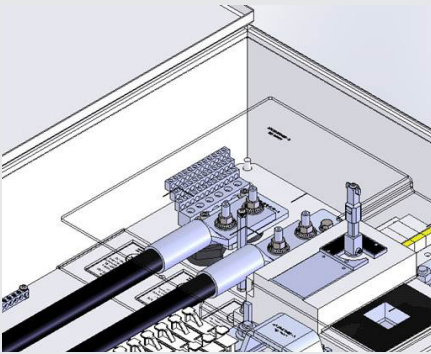
Yaskawa - Solectria Solar's string combiners feature the broadest product offering available in the industry today. Our string combiners offer the highest quality and durability, allow for simplified installation and mounting flexibility, and provide the best safety and protection features. The 1,500 VDC combiners are available in 8-24 fused positions and fuse sizes are available as large as 30A. Up to 40 strings per combiner is possible when pre-parallelled within the array. The standard enclosure is powder coated steel (Type 4) with the fiberglass (Type 4X) enclosure option available upon request. The DISCOM 1500 includes connection plates for compression terminals (2 per output up to 600 kcmil or 1 per output up to 750 kcmil) and 90°C terminal rating.



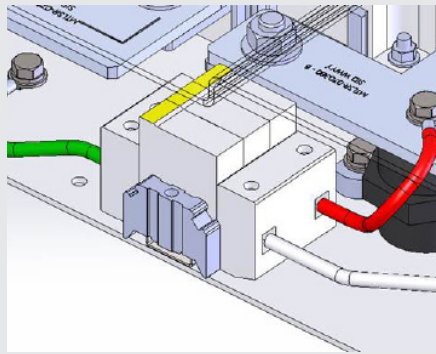
DISCOM SPECIFICATIONS										
PRODUCT	DISCOM 1500									
Number of Fused Inputs	8	10	12	14	15	16	18	20	21	24
Input Wire Range*	(1) 14-6 AWG, (2) 14-10 AWG									
Output Wire Range (Compression Terminal)*	(2) 1/0 - 600 kcmil, (1) 1/0 - 750 kcmil									
Maximum Voltage	1,500 VDC									
Disconnect Current Rating**										
15 A Fuses	275 A									325 A
20 A Fuses	275 A				325 A			400 A		400 A
25 A Fuses (2 strings/fuse)	275 A			325 A			400 A		N/A	
30 A Fuses (2 strings/fuse)	275 A		325 A		400 A		N/A			
Maximum Continuous Current**										
15 A Fuses	96 A	120 A	144 A	168 A	180 A	192 A	216 A	240 A	252 A	288 A
20 A Fuses	128 A	160 A	192 A	224 A	240 A	256 A	288 A	320 A	336 A	384 A
25 A Fuses (2 strings/fuse)	160 A	200 A	240 A	280 A	300 A	320 A	360 A	400 A	N/A	
30 A Fuses (2 strings/fuse)	192 A	240 A	288 A	336 A	360 A	384 A	N/A			
Fuse Range	15 A, 20 A, 25 A, 30 A standard; additional options available upon request*									
Operating Temperature	-40°F to +122°F (-40°C to +50°C)									
Mounting Locations	Indoor, Outdoor, Wall, Array, Rooftop - Vertical, Horizontal, or Angled									
Certifications										
Safety Listings & Certifications	UL 1741, CSA C22.2#107.1									
Certification Agency	ETL									
Warranty										
Standard	5 year									
Enclosure										
Dimensions (H x W x D)	30 in. x 24 in. x 8 in (762 x 610 x 203 mm)									
Weight										
Powder Coated Steel	75 lbs (34 kg)									
Fiberglass	56 lbs (25.4 kg)									
Enclosure Rating	Type 4; optional Type 4X									
Enclosure	Polyester powder coated steel; optional fiberglass									

\*All terminations are rated for 90°C

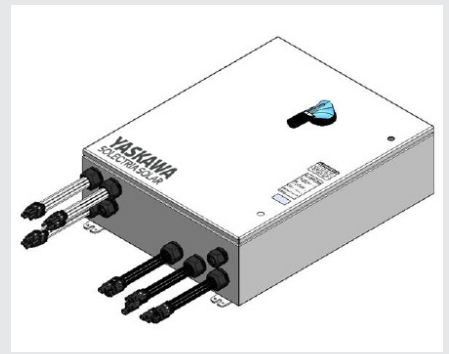
\*\* Additional fuse options available upon request (4, 6, 8, 10, 12 A)



Standard connection plate for customer provided compression terminal (1, 750 kcmil per pole or 2, 600 kcmil per pole)



Surge arrester option (1500 VDC)



MC4/H4 PV connector option