

# SOLECTRIA™ XGI 1500 COMBINERS

## INCREASED DESIGN FLEXIBILITY FOR SOLECTRIA XGI 1500

### FEATURES

- Made in the USA with global components
- Buy American Act (BAA) compliant
- Designed exclusively for use with SOLECTRIA XGI 1500 inverters
- Three models to choose from:
  - Remote Combiner, with both polarities fused
  - Remote Combiner, with positive polarity fused (NEC 2017 & 2020 compliant)
  - Attached Combiner, with both polarities fused
- 16, 20, 24, 26 and 28 fuse positions
- 15 and 20 A fuse options for all models; 25 and 30 A fuse options for select models only
- Connection plates for compression terminals
- 90°C terminal rating

### OPTION

- Surge arrestor, both polarities

MADE IN THE USA



With U.S. and Global Components



## Yaskawa Solectria Solar offers its Attached and Remote String Combiners for exclusive use with SOLECTRIA XGI 1500 inverters

Yaskawa Solectria Solar's Remote and the Attached Combiners feature the highest quality and durability in the industry today. The combiners match the XGI 1500 in quality and appearance, and satisfy the National Electrical Code for system with un-grounded PV source circuits.

The 1500V Attachable Combiner is designed to mate directly to the XGI 1500 Inverter, for use in distributed PV system where the combiner and inverter are located together throughout the array field. This combiner has fuses on both the positive and negative poles.

The 1500V Remote Combiners come in two versions: one with both polarities fused, and the other with only the positive polarity fused, as allowed by the 2017 & 2020 editions of the National Electrical Code. The Remote Combiners are designed for centralized, or clustered, deployment of multiple XGI 1500 Inverters with the Remote Combiners distributed throughout the PV array field.

All Yaskawa Solectria Solar XGI Inverters and Combiners are Made in the USA, with global components, and are compliant with the Buy American Act.

# SOLECTRIA™ XGI 1500 COMBINER

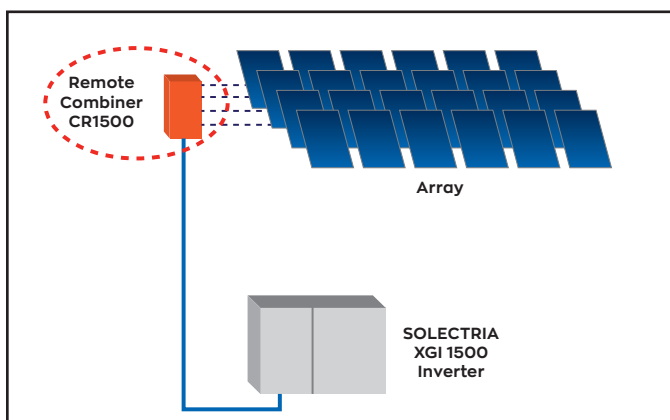
## TECHNICAL DATA

### SPECIFICATIONS

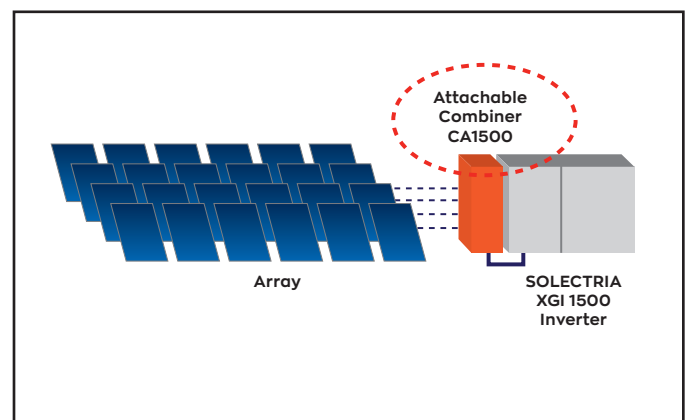
Combiner Model	1500V Remote Combiner (CR1500)			1500V Remote Combiner (CR1500-P)			1500V Attached Combiner (CA1500)		
Fuse Configurations	Both polarities fused			Positive polarity fused			Both polarities fused		
Enclosure Material & Rating	Polyester Powder Coated Aluminum, NEMA Type 4X			Polyester Powder Coated Steel, NEMA Type 4			Polyester Powder Coated Steel, NEMA Type 4 Aluminum, NEMA Type 4X		
Input Wire Compatibility	14-4 AWG			14-4 AWG			14-4 AWG		
Output Wire Compatibility	Compression Terminal: 1 conductor, 1/0 - 500 kcmil 2 conductors, 1/0 - 500 kcmil			Compression Terminal: 1 conductor, 1/0 - 500 kcmil 2 conductors, 1/0 - 500 kcmil			Compression Terminal: 1 conductor, 1/0 - 500 kcmil 2 conductors, 1/0 - 500 kcmil		
Maximum Voltage	1500 VDC			1500 VDC			1500 VDC		
Fuse Rating Options	15 A or 20 A (fuses included)	25 A	30 A	15 A or 20 A (fuses included)	25 A	30 A	15 A or 20 A (fuses included)	25 A	30 A
Number of Fused Positions	16 / 20 / 24 / 26 / 28	20	16	16 / 20 / 24 / 26 / 28	20	16	16 / 20 / 24 / 26 / 28	20	16
Input PV Source Circuit Configurations	Ungrounded PV Source Circuits			Ungrounded PV Source Circuits			Ungrounded PV Source Circuits		
DC Disconnect	2-pole integrated DC disconnect, positive and negative poles switched			2-pole integrated DC disconnect, positive and negative poles switched			DC Disconnect located on XGI 1500 inverter		
DC Disconnect Current Rating	250 A			250 A			250 A (located on XGI 1500)		
Temperature Range	-40°F to 122°F (-40°C to 50°C)			-40°F to 122°F (-40°C to 50°C)			-40°F to 122°F (-40°C to 50°C)		
Mounting Positions	Indoor, Outdoor, Wall, Array - Vertical, Horizontal or Angled			Indoor, Outdoor, Wall, Array - Vertical, Horizontal or Angled			Mechanically attaches to structure		
Safety Certification & Listing	UL 1741			UL 1741			UL 1741		
Standard Warranty	5 Years			5 Years			5 Years		
Surge Protection	Both positive and negative polarities			Both positive and negative polarities			Both positive and negative polarities		



### CENTRALIZED OR CLUSTERED PV SYSTEM



### DISTRIBUTED PV SYSTEM



IT'S PERSONAL