

# SOLECTRIA® XGI 1500 PV COMBINERS

## INCREASED DESIGN FLEXIBILITY FOR SOLECTRIA XGI 1500 INVERTERS

### FEATURES

- Designed exclusively for use with SOLECTRIA XGI 1500 inverters
- Models specifically designed for the XGI 1500-166 family of inverters:
  - Remote Combiner, with both polarities fused
  - Remote Combiner, with positive polarity fused
  - Attached Combiner, with both polarities fused
  - 250 A DC disconnect switch
- Models specifically designed for the XGI 1500-250 family of inverters:
  - Remote Combiner, with positive polarity fused
  - 400 A DC disconnect switch
- 16, 20, 24 and 28 fuse positions
- Fuse options: 20 A, 25 A, 30 A, 32 A (not all fuse size options available for all models; see technical specs)
- Surge arrestor, both polarities (see technical specs)
- Made in the USA with global components
- Buy American Act (BAA) compliant



## Yaskawa Solectria Solar offers its 1500 V Combiners for exclusive use with SOLECTRIA XGI 1500 inverters

Yaskawa Solectria Solar's 1500V Combiners feature the highest quality and durability in the industry today. The Combiners match the XGI 1500 Inverters in quality and appearance, and satisfy the National Electrical Code for systems with ungrounded PV source circuits.

The 1500 V Attachable Combiner is designed to mate to the XGI 1500-166 family of inverters. This combiner has fuses on the positive and negative poles, and a 250A disconnect switch.

The 1500 V Remote Combiners come in two versions for the XGI 1500-166 family of inverters: one with both polarities fused, and a second version with only the positive polarity fused, as allowed by the 2017 & 2020 editions of the National Electrical Code. These Remote Combiners have a 250 A disconnect switch.

Remote Combiners are also available for the new XGI 1500-250 family of inverters, with the positive polarity fused, expanded fuse size options, and a 400A disconnect switch.

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

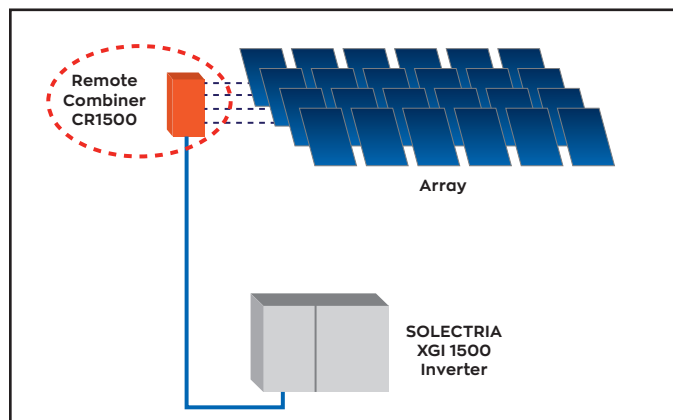
# SOLECTRIA® XGI 1500 PV COMBINERS

## TECHNICAL DATA

### SPECIFICATIONS

Specification	1500 V Combiners for XGI 1500-166 Series Inverters			1500 V Combiners for XGI 1500-250 Series Inverters
	Remote Combiner CR1500-XX-YY/S	Remote Combiner CR1500-XXP-YY/S	Attachable Combiner CA1500-XX-YY/S	Remote Combiner CR1500-XXP-YY-400
Fuse Configuration	BOTH poles fused	POSITIVE pole fused	BOTH poles fused	POSITIVE pole fused
Input Wire Compatibility	14-4 AWG, PV-Rated, Copper Wire Only			
Output Wire Compatibility	Compression Lug Required Cu or Alum: 1 or 2 conductors at 500 kcmil			Compression Lug Required Cu or Aluminum Conductors 1 at 750 kcmil; 2 at 500 kcmil
Maximum Voltage	1500 VDC			
DC Disconnect	2-Pole Integrated DC Disconnect Positive and Negative Poles Switched		DC Disconnect Located on XGI 1500 Inverter	2-Pole Integrated DC Disconnect Positive and Negative Poles Switched
DC Disconnect Current Rating	250 A			400 A
Input PV Source Circuit Configuration	Ungrounded PV Source Circuits Only			
Temperature Range	-40°F to 122°F (-40C to +50C)			
Mounting Positions	Indoor, Outdoor, Wall, Array Structure Vertical, Horizontal or Angled		Attaches to Inverter Structure Vertical Orientation	Indoor, Outdoor, Wall, Array Structure, Vertical, Horizontal or Angled
Safety Certification and Listing	UL 1741 / Intertek			
Standard Warranty	5 Years			
Overall Dimensions	Height: 29.5 in. (750 mm) Width: 18.1 in. (460 mm) Depth: 11 in. (280 mm)	Height: 30.0 in. (762 mm) Width: 24.0 in. (610 mm) Depth: 8.0 in. (203 mm)	Height: 29.5 in. (750 mm) Width: 15 in. (380 mm) Depth: 10.6 in. (260 mm)	Height: 30.0 in. (762 mm) Width: 24.0 in. (610 mm) Depth: 8.0 in. (203 mm)
Enclosure Material and Rating	Polyester Powder Coated Aluminum NEMA Type 4X	Polyester Powder Coated Steel NEMA Type 4	Polyester Powder Coated Aluminum NEMA Type 4X	Polyester Powder Coated Steel NEMA Type 4
Weight	85 lb (38.6 kg)	75 lb (34 kg)	85 lb (38.6 kg)	85 lb (38.6 kg)
Surge Protection	Optional, Protects Positive and Negative Poles			Standard, Protects Positive and Negative Poles
<b>Fuse Options</b>	<b>XGI 1500-166 Series Inverters</b>			<b>XGI 1500-250 Series Inverters</b>
Fuse Rating	15 A / 20 A	<b>25 A</b>	<b>30 A</b>	<b>20 A / 25 A / 30 A / 32 A</b>
Number of Fused Positions	16 / 20 / 24 / 28	<b>20</b>	<b>16</b>	<b>16 / 20 / 24 / 28</b>

### CENTRALIZED OR CLUSTERED PV SYSTEM



### DISTRIBUTED PV SYSTEM

