

YASKAWA

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 XGI 1500 inverters
- Both poles fused and switched
- 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
- 90C terminal rating

Options

- Surge arrester, both polarities
- MC4 connector whips (MOQ 30 pieces)



Yaskawa Solectria Solar offers two 1500V string combiners, Attachable & Remote, each designed to pair exclusively with SOLECTRIA XGI 1500 inverters. The 1500V Attachable Combiner is designed to mate directly to the XGI 1500 inverter for use in distributed PV systems where the combiner and inverter are located together throughout the array field. The 1500V Remote Combiner has similar features, but is designed for a centralized or clustered deployment of multiple XGI 1500 inverters where the combiners are distributed throughout the PV array field. Both combiner lines feature the highest quality and durability in the industry today.

Choose from models with 16 to 28 fused positions and either 15 or 20 A fuses. Specific models also available with 25 A fuses (20 positions) and 30 A fuses (16 positions). The combiners match the XGI 1500 in quality and appearance. Both models satisfy the National Electrical Code for systems with ungrounded PV source circuits. All Yaskawa Solectria Solar XGI inverters and combiners are Made in the USA with global components and are compliant with the Buy American Act.

MADE IN THE USA



With U.S. and Global Components

SOLECTRIA SOLAR

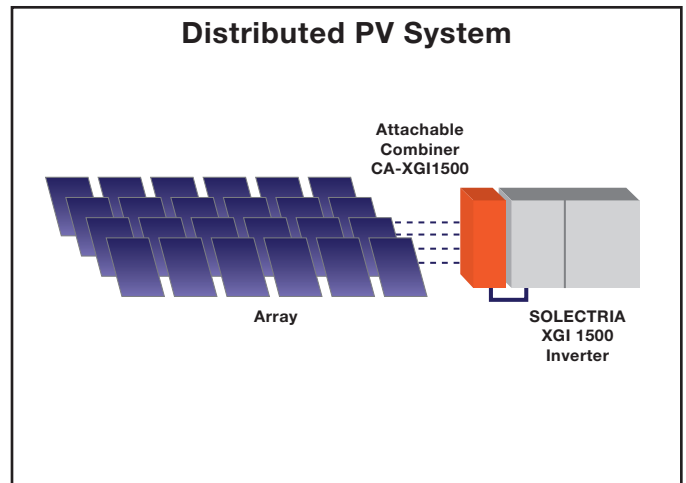
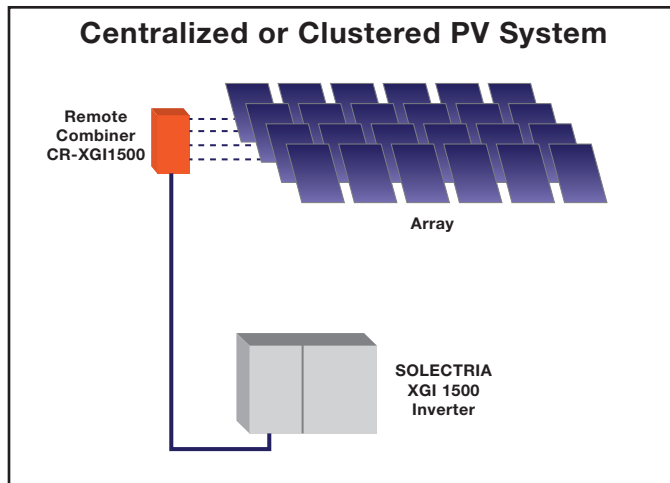
XGI 1500 COMBINERS

Specifications

| | 1500V Remote Combiner* | | | 1500V Attachable Combiner* | | |
|--|---|------|------|---|------|------|
| Input Wire Compatibility | 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 | | |
| Maximum Voltage | 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 |
| Number of Fused Positions | 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 | | |
| Fuse Configurations | Both positive and negative polarities fused | | | Both positive and negative polarities fused | | |
| DC Disconnect | 2-pole integrated DC disconnect, positive and negative poles switched | | | DC Disconnect located on XGI 1500 inverter, 250A | | |
| DC Disconnect Current Rating | 250 A | | | 250 A (located on XGI 1500) | | |
| Temperature Range | -40°F to 122°F (-40C to 50C) | | | -40°F to 122°F (-40C to 50C) | | |
| Mounting Positions | Indoor, Outdoor, Wall, Array - Vertical, Horizontal or Angled | | | Mechanically attaches to structure | | |
| Safety Certification & Listing | UL 1741 | | | UL 1741 | | |
| Standard Warranty | 5 Years | | | 5 Years | | |
| Enclosure Material Options & Rating | Polyester Powder Coated Aluminum, NEMA Type 4 | | | Polyester Powder Coated Aluminum, NEMA Type 4 | | |
| Options | | | | | | |
| Connector Whips** | MC4 PV Connectors on leads | | | MC4 PV Connectors on leads | | |
| Surge Protection | Both positive and negative polarities | | | Both positive and negative polarities | | |

*1500V String Combiners exclusively for use with SOLECTRIA XGI 1500

**With minimum order quantity of 30 pieces



SOLECTRIA SOLAR

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