



## Utility-Scale (UTS)



MADE IN USA



### Configurations

Bentek Solar Disconnect Combiners offer a comprehensive selection of input, output, and ampacity configurations to suit your needs. Let us assist you in determining the appropriate solar products for your application.



Fully assembled in our ETL- certified facility in San Jose, CA.

### Integrated Disconnect Combiners

The Bentek Solar Combiners with integrated UL 600VDC or 1000VDC load-break disconnects are specifically designed and manufactured to work in large-scale utility PV installations.

#### Ideal for 5MW and larger Utility-Scale Projects

#### Standard Product Features

- ▶ NEMA-4 steel or 4X fiberglass enclosures.
- ▶ 600VDC or 1000VDC integrated disconnect.
- ▶ Labeling to meet NEC code requirements.
- ▶ Unique serial number on each unit.
- ▶ Lockable door.
- ▶ Poured-in-place seamless gasket on door.
- ▶ Installable vertically or horizontally.
- ▶ 100A, 200/250A, and 400A load-break disconnects.
- ▶ Lock out/tag out functionality for disconnect handle.
- ▶ Rated for continuous duty.
- ▶ 12, 16, 24, or 36 input circuits.
- ▶ Touch-safe fuse folders.
- ▶ Maximum fuse size of 25A; standard fuse size is 15A.
- ▶ Safety covers on live components.
- ▶ Surge suppression.
- ▶ 90°C and custom lug configurations.
- ▶ Configured for either positive or negative ground.
- ▶ Terminals support both aluminum and copper wire.
- ▶ ETL Listed to UL1741.
- ▶ ETL Listed to CSA Std. 22.2 No. 107 (600 VDC).
- ▶ ISO 9001:2008 Quality Certified.

#### Optional Product Features

- ▶ Fuses supplied to specifications.
- ▶ Extended warranties available.

**ISO 9001:2008 Quality Certified**

Contact Us Today • **1-866-505-0303**

# SOLAR COMBINERS



## Flexibility, Ease of Installation, and Safety

Bentek Solar products are designed to meet the needs of every job.

With over 25 years of experience building products, Bentek designs quality and safety into every solar product.

With the flexibility of adding options into our solar products, Bentek Solar has the right product for you. Ample internal space provides ease of installation, and wire-bending space satisfies NEC requirements.

Contact us now for your upcoming projects.

Bentek Solar Disconnect Combiner Models	Max Voltage	Standard Input Circuits	Max. Fuse size (A)	Input Conductor (AWG)	Integrated Disconnect Ampacity (A)	Standard Output Conductor (AWG)	Enclosure Size in inches (HxWxD)
BTK6-1215-D100-zz-UTS	600	Up to 12	25	#8	100	90° compression terminal	20x16x8
BTK6-1615-D200-zz-UTS	600	Up to 16	25	#8	200	90° compression terminal	20x16x8
BTK6-2415-D250-zz-UTS	600	Up to 24	25	#8	250	90° compression terminal	24x20x8
BTK6-3615-D400-zz-UTS	600	Up to 36	25	#8	400	90° compression terminal	30x24x10
BTK10-1215-D100-zz-UTS	1000	Up to 12	25	#8	100	90° compression terminal	20x16x8
BTK10-1615-D200-zz-UTS	1000	Up to 16	25	#8	200	90° compression terminal	20x16x8
BTK10-2415-D250-zz-UTS	1000	Up to 24	25	#8	250	90° compression terminal	24x20x8
BTK10-3615-D400-zz-UTS	1000	Up to 36	25	#8	400	90° compression terminal	30x24x10

D = disconnect; UTS = Utility Scale; zz = enclosure (FB for NEMA-4X fiberglass or CS for NEMA-4 steel)

Specifications subject to change.



## About Bentek Solar

Founded in 1985, Bentek is a leader in manufacturing and engineering solutions for complex electro-mechanical and power distribution systems for the semiconductor and solar industries. Bentek has applied these extensive capabilities and knowledge into a comprehensive family of both standard and configurable solar combiner products. Bentek solar combiners provide quality, ease of installation, and safety to the solar industry. For more information, contact Bentek Solar on the web at [www.BentekSolar.com](http://www.BentekSolar.com), by email to [solarsales@bentek.com](mailto:solarsales@bentek.com), or by telephone at 1-866-505-0303.

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