



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.

Smart Integrated Disconnect Combiners

The Bentek Solar Combiners with integrated UL 600VDC or 1000VDC load-break disconnects are specifically designed and manufactured to work in Utility-Scale 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 2011 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.
- ▶ Up to 30 input circuits.
- ▶ Touch-safe fuse folders.
- ▶ Maximum fuse size of 16A; standard is 15A.
- ▶ Safety covers on live components.
- ▶ Surge suppression.
- ▶ Configured for either positive or negative ground.
- ▶ Full PV monitoring using RS485 data communication.
- ▶ Terminals support both aluminum and copper wire.
- ▶ ETL Listed to UL1741.
- ▶ ETL Listed to CSA Std. 22.2 No. 107 (600VDC).
- ▶ 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	Input Circuits (xx)	Max. Fuse Size (A) (yy)	Input Conductor (AWG)	Integrated Disconnect Ampacity (A)	Output Conductor (AWG)	Enclosure Size in inches (HxWxD)
BTK6-1115-D100-S-UTS	600	Up to 11	16	#8	100	350MCM	20x16x9
BTK6-1515-D200-S-UTS	600	Up to 15	16	#8	200	350MCM	20x16x8
BTK6-2415-D250-S-UTS	600	Up to 24	16	#8	200	350MCM	24x20x8
BTK6-3015-D400-S-UTS	600	Up to 30	16	#8	400	600MCM	30x24x10
BTK10-1115-D100-S-UTS	1000	Up to 11	16	#8	100	350MCM	20x16x8
BTK10-1515-D200-S-UTS	1000	Up to 15	16	#8	200	350MCM	20x16x8
BTK10-2415-D250-S-UTS	1000	Up to 24	16	#8	250	350MCM	24x20x8
BTK10-3015-D400-S-UTS	1000	Up to 30	16	#8	400	600MCM	30x24x10

D = disconnect; S = monitoring; zz = enclosure (FB for NEMA-4X fiberglass or CS for NEMA-4 steel);UTS = Utility Scale
 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, by email to solarsales@bentek.com, or by telephone at 1-866-505-0303.

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