



C U T S H E E T

Commercial (Com1)



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 load-break disconnects reduce costs by eliminating installation time and wiring. The flexible design provides for customization and ease of installation. Solar combiners provide an enhanced level of user safety.

Ideal for less than 5MW Commercial Projects

Standard Product Features

- ▶ NEMA-4 steel or 4X fiberglass enclosures.
- ▶ 600VDC 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.
- ▶ 55A, 100A, 200/250A, and 400A load-break disconnects.
- ▶ Lock out/tag out functionality for disconnect handle.
- ▶ Rated for continuous duty.
- ▶ 6, 12, 24, or 36 input circuits.
- ▶ Touch-safe fuse folders.
- ▶ Maximum fuse size of 25A ; standard is 15A.
- ▶ Safety covers on live components.
- ▶ Terminals support both aluminum and copper wire.
- ▶ ETL Listed to UL1741.
- ▶ ETL Listed to CSA Std. 22.2 No. 107.
- ▶ ISO 9001:2008 Quality Certified.

Optional Product Features

- ▶ Surge suppression.
- ▶ Fuses supplied to specifications.
- ▶ Configured for either positive or negative ground.
- ▶ 90°C and custom lug configurations 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)	Output Conductor (AWG)	Enclosure Size in inches (HxWxD)
BTK6-0615-D55-zz	600	Up to 6	25	#8	55	1/0	14x12x6
BTK6-1215-D100-zz	600	Up to 12	25	#8	100	300MCM	20x16x8
BTK6-2415-D200-zz	600	Up to 24	25	#8	200	300MCM	20x16x8
BTK-2415-D250-zz	600	Up to 24	25	#8	250	300MCM	20x16x8
BTK6-3615-D400-zz	600	Up to 36	25	#8	400	600 MCM or 2x250MCM *	30x24x10

D = disconnect; zz = enclosure (FB for NEMA-4X fiberglass or CS for NEMA-4 steel). *Dual lugs also available. 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.

SOLAR COMBINERS