



Utility-Scale (UTS)

Basic Smart Combiners

Meet your technical and budget requirements with these basic combiners. Flexible design allows for customization and ease of installation.

Ideal for 5MW and larger Utility-Scale Projects

Standard Product Features

- ▶ NEMA-4 steel or 4X fiberglass enclosures.
- ▶ 600VDC or 1000VDC.
- ▶ 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.
- ▶ Rated for continuous duty.
- ▶ 11, 15, 24, or 30 input circuits.
- ▶ Touch-safe fuse folders.
- ▶ Maximum fuse size of 16A ; standard is 15A.
- ▶ Safety covers on live components.
- ▶ Surge suppression.
- ▶ 90°C and custom lug configurations.
- ▶ 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.
- ▶ Configured for either positive or negative ground.
- ▶ Extended warranties available.



Configurations

Bentek Solar 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.

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 almost 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 all NEC requirements.

Contact us now for your upcoming projects.

Bentek Solar String Combiner Models	Max. Voltage	Standard Input Circuits	Max. Fuse Size (A)	Input Conductor (AWG)	Continuous Current Rating (A)*	Output Conductor (AWG)	Enclosure Size in inches (HxWxD)
BTK610-1116-S-zz-UTS	600/1000	Up to 11	16	#8	175	350MCM	12x12x6
BTK610-1516-S-zz-UTS	600/1000	Up to 15	16	#8	200	350MCM	16x14x6
BTK610-2416-S-zz-UTS	600/1000	Up to 24	16	#8	400	500MCM	24x20x8
BTK610-3016-S-zz-UTS	600/1000	Up to 30	16	#8	400	600MCM or 2x250MCM	30x24x10

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

* Continuous current rating is determined by the bus configuration and/or main disconnect.

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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