



C U T S H E E T



MADE IN USA

Configurations

Bentek Solar String Combiners offer a comprehensive selection of input, output, and ampacity configurations to suit your needs.

We'd be glad to assist you in specifying a combiner for your application.



Basic Combiners

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

Product Features

- ▶ NEMA 3R/4, or 4X.
- ▶ Steel, fiberglass, or stainless enclosures.
- ▶ Installed Vertically or Horizontally.
- ▶ Rated for Continuous Duty.
- ▶ 4 to 42 input circuits.
- ▶ 90°C output terminals, $\geq 200A$.
- ▶ Touch-Safe fuse holders.
- ▶ Max fuse size = 30A.
- ▶ Fuses supplied to specifications.
- ▶ Protective covers on all live parts.
- ▶ Configured for either positive or negative ground.
- ▶ Ask about the many options.
- ▶ UL1741 listed, CSA 22.2 certified.
- ▶ CE marked at 1000 Volts.
- ▶ Optional Full PV monitoring and Integrated disconnect.

▶ **ISO 9001:2008 Quality Certified**

Contact Us Today • **1-866-505-0303**

SOLAR COMBINERS



High Quality, Ease of Installation and Safety

Bentek's line of string combiner boxes are designed to meet your specific needs for each specific job.

With the flexibility of adding monitoring capabilities and/or integrated disconnects into the combiner. Bentek is sure to have the right combiner to meet your exacting needs.

There is ample internal space for ease of installation and plenty of wire bending space per NEC requirements.

Our flexibility leads the industry in manufacturing configure-to-order combiners. Contact us now for your next upcoming project.

Ratings from 75A to 400A for both 600VDC and 1000VDC.

Bentek Solar Model Combiners	Max Voltage	Input Circuits	Max Fuse size (A)	Input Conductor (AWG)	Continuous Current Rating (A)	Output Conductor (AWG)	Enclosure Size (HxWxD)	Enclosure Options
BTK610-06yy	600/1000	up to 6	30	#14 to #8	75A	#10 to 1.0	8"x8"x6"	4x Fiberglass, NEMA 3R/4 Steel, Stainless
BTK610-12yy	600/1000	up to 12	30	#14 to #8	175A	#10 to 1.0	12"x12"x6"	4x Fiberglass, NEMA 3R/4 Steel, Stainless
BTK610-16yy	600/1000	up to 16	30	#14 to #8	200A	#6 to 350MCM	16"x14"x6"	4x Fiberglass, NEMA 3R/4 Steel, Stainless
BTK610-24yy	600/1000	up to 24	30	#14 to #8	400A	#6 to 350MCM	24"x20"x9"	4x Fiberglass, NEMA 3R/4 Steel, Stainless
BTK610-42yy	600/1000	up to 42	30	#14 to #8	400A	#6 to 350MCM	30"x24"x10"	4x Fiberglass, NEMA 3R/4 Steel, Stainless

yy = Fuse Size



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 standard and configure-to-order (CTO) solar combiner products. These solar combiners provide quality, ease of installation and safety to the solar industry. For more information contact Bentek Solar at 866-505-0303, or on the Web at JohnB@bentek.com or www.BentekSolar.com.



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