



CIRCUIT BREAKER FREESTANDING RECOMBINERS

Our Recombiners provide the ideal interface to the inverter for your commercial and industrial PV systems. The flexible design allows configurability and ease of installation while providing the value and quality you've come to expect from Bentek. Use of DC circuit breakers enables both overcurrent protection and disconnect means, providing a convenient and safe method for maintenance and troubleshooting.

Standard Product Features

- ▶ 600VDC
- ▶ Circuit breaker with the following amperages: 60A, 80A, 100A, 110A, 125A, 150A, 175A, 200A, 225A, 250A, 300A, 350A, and 400A
- ▶ Up to 10 or 30 input circuits, depending on circuit breaker sizes
- ▶ LOTO functionality for each circuit breaker
- ▶ Standard internal busing supports continuous current to 2250A
- ▶ 600MCM outputs
- ▶ Terminals support both aluminum and copper wire
- ▶ NEMA-3R powder-coated steel enclosures
- ▶ Lockable exterior door
- ▶ Removable enclosure sides and bottom for ease of wire routing
- ▶ Dead front for arc-flash protection
- ▶ Intertek Listed; Conforms to UL STD 1741
- ▶ Intertek Listed; Certified to CSA C22.2 STD No. 107.1
- ▶ ISO 9001:2008 Quality Certified

Optional Product Features

- ▶ Zone Current Monitoring via Modbus protocol with RS-485 or Ethernet output connection
- ▶ 90 °C terminals and custom lug configurations
- ▶ Circuit breakers sized to meet customer requirements; mixed breaker sizes supported



Configurations

Recombiners from Bentek Solar offer a selection of input, output and ampacity configurations to meet the needs of the professional solar plant designer. Bentek sales engineers are available to help you specify the optimal product for your application.

MADE IN USA



Intertek

Contact Bentek:
1.866.505.0303

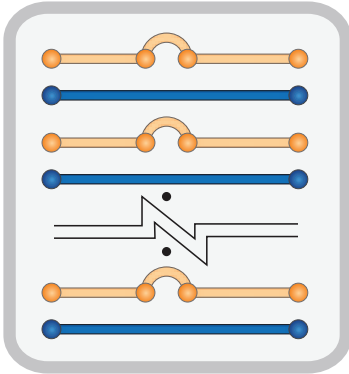
The Bentek Advantage

Bentek products meet the rigorous demands of premier commercial and utility-scale power plant designers and installers.

Strict engineering design rules assure uncompromised safety and reliability. Our world-class manufacturing processes guarantee long product life in challenging environments. A wide range of options enables BOS optimization for all system configurations.

Bentek stands behind its products with the maintenance, service, and support needed to protect your investment.

Our products are compliant to nationally recognized standards.



Circuit Breaker Freestanding Recombiner	Max. Voltage	Input Circuits	Circuit Breaker Amperage (A) (yyy)	Input Conductor Size	Output Type	Enclosure Size
BTK6-CB-30yyyM-CS-Sx	600V	Up to 30	80 to 225	300MCM	2AWG-600MCM	79"x32"x24"
BTK6-CB-10yyyM-CS-Sx		Up to 10	250	350MCM		
BTK6-CB-10yyyM-CS-Sx		Up to 10	350 to 400	1x350MCM or 2x250MCM		

yyy=amperage of fuses (M following the amperage indicates mixed fuse sizes are present); CS = Carbon Steel enclosure; Sx = Current Monitoring (optional) (S1 - Ethernet and S2 - RS-485 connections).

Fully assembled in our ISO 9001: 2008 certified facility in sunny San Jose, California. Specifications subject to change without notice.



About Bentek

Founded in 1985, Bentek is an industry leader in engineered electromechanical and power distribution solutions for industrial applications. We design and manufacture products such as wiring harnesses, electrical combiner boxes, and custom OEM assemblies for the solar energy and semiconductor markets. Bentek is an ISO certified company.