



Alternative Energy Division

Combiner Box Product Line

Contact

Darrell Dusenbury
DST Controls
651 Stone Road
Benicia, CA 94510
Phone: 1-707-748-5537
Toll-Free: 1-800-251-0773
Fax: 1-707-745-8952

www.DST-Solar.com
ddusenbury@dstcontrols.com

DST Controls' line of combiner boxes are designed for a long and reliable life in demanding environments. PV string wires are landed to individual Touch Safe™ fuse holders and terminal blocks. The quality steel NEMA 4 rated enclosures provide security and flexibility in box mounting and orientation. Output terminals are centrally positioned to allow multiple exit options for large diameter wires.

DST Controls is an ISO 9001-2008 Registered Company.

Specifications for Standard Combiner Models:

Model	8	12	16	24
Number of Inputs (Pos. & Neg.)	2 - 8	9 - 12	9 - 16	17 - 24
Max DC Voltage	600 or 1000VDC			
Max Fuse Size	20 amps			
Max Source Current	15.1 amps			
Max Rated Output Current	160 amps	240 amps*	320 amps*	480 amps*
Source Wiring Range	10-6 AWG			
Output Wiring Range	14-2/0 AWG	6 AWG – 350 mcm	6 AWG – 350 mcm	6 AWG – 350 mcm
Enclosure Type	NEMA 4, three-phase coated steel			
Unit Weight	35 lbs.	50 lbs.	70 lbs.	100 lbs.
Dimensions	20" x 16" x 8"	20" x 20" x 8"	24" x 24" x 8"	30" x 30" x 8"

* Has dual output Power Distribution blocks to handle rating and to accommodate use of smaller wire.

Standards and Certifications: ETL Listed for UL-1741 and UL-67, Built to IP20 Standards.

System Accuracy: 0.5%

Warranty: One (1) year parts and labor

Five (5) year parts and labor optional (15% price adder)

Ordering Information:

DC--X--Y--ZZ--0--0--0

