



Alternative Energy Division

Sub-Combiner Box Product Line

Contact

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DST Controls' line of sub-combiner boxes are designed for a long and reliable life in demanding environments. PV string wires are landed to individual fuse holders and terminal blocks. The quality steel NEMA Type 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 Sub-Combiner Models:

Model	2 & 3	4	5	6
Number of Inputs (Pos. & Neg.)	2 & 3	4	5	6
Max DC Voltage	600 or 1000VDC			
Max Fuse Size	150 amps			
Max Source Current	112.5 amps			
Max Rated Output Current	450 amps*	600 amps*	750 amps*	900 amps*
Source Wiring Range	#6 AWG to 350mcm			
Output Wiring Range	2/0 AWG to 500mcm	2/0 AWG to 500 mcm	2/0 AWG to 500 mcm	2/0 AWG – 500 mcm
Enclosure Type	NEMA 4, three-phase coated steel			
Unit Weight	60 lbs.	70 lbs.	90 lbs.	120 lbs.
Dimensions	24" x 24" x 8"	24" x 24" x 8"	30" x 30" x 8"	36" 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.
 Smart 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

