

1500 VDC Disconnect Combiners



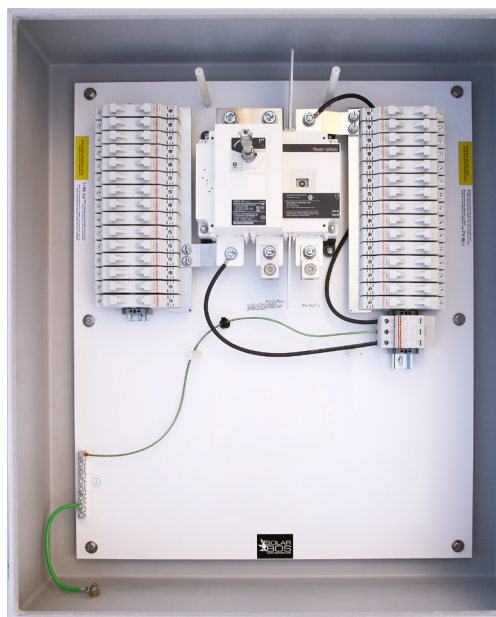
SolarBOS Disconnect Combiners for 1500 VDC photovoltaic systems are ETL listed to UL-1741. They provide direct cost savings by increasing the number of modules per source circuit(s), resulting in fewer circuits and fewer BOS components. The combiners feature load break disconnect switches up to 400A and can be customized to fit the solar integrators' specific needs.

PRODUCT FEATURES

- ETL listed to UL-1741
- 10kAIC rating
- Up to 36 input circuits
- 90C terminals
- NEMA-3R, 4 & 4X enclosures

AVAILABLE OPTIONS

- Transient surge suppression
- Provisions for compression lugs
- Dual output lugs
- Floating / Bi-polar configurations
- Pre-terminated input conductors
- Touch safe cover over live parts
- Breather and drain vents
- Padlockable enclosures



SolarBOS Floating Disconnect Combiner, 1500VDC, 275A disconnect, 15 input circuits, transient surge protection, NEMA-4X fiberglass enclosure



Disconnect Ampacity		275 A / 320 A / 400 A	
Maximum Number of Input Circuits	18	28	36
Input Conductor Size (AWG)	#14 - 8	#14 - 8	#14 - 8
Max Fuse Size (Amps)	30	30	30
Max Rated Current (ADC Continuous)		275 / 320 / 400	
Number of Output Conductors (Per Polarity)	1 or 2	1 or 2	1 or 2
Output Conductor Size Range (AWG) *	#6 to 350	#2 to 600	#2 to 600
Steel Enclosure Internal Dimensions (Inches) *	24x24x8	30x24x8	30x30x8
Approx. Weight - Powder Coated or Stainless Steel (Pounds) *	55	65	95
Fiberglass Enclosure Internal Dimensions (Inches) *	24x24x8	30x24x8	36x30x8
Approx. Weight - Fiberglass (Pounds) *	50	60	90
Enclosure NEMA Ratings	3R / 4 / 4X	3R / 4 / 4X	3R / 4 / 4X

* Other options available upon request. Please note dimensions and weight may vary for any custom solutions. Contact SolarBOS for details.