THIS EDGE INTENTIONALLY LEFT BLANK FOR BINDING - PAPER SIZE 34" X 22" - THIS EDGE INTENTIONALLY LEFT BLANK FOR BINDING - PAPER SIZE 34" X 22" - THIS EDGE INTENTIONALLY LEFT BLANK FOR BINDING - PAPER SIZE 34" X 22" - THIS EDGE INTENTIONALLY LEFT BLANK FOR BINDING

DC Combiners

Terrasmart Combiners are used for DC aggregation before the input of an inverter or charge controller. They provide a convenient location for O&M and disconnecting means. Combiners are highly configurable to fit any application.

Product features

- Listed to UL-1741
- Up to 36 input circuits
- Rated for 1000 or 1500 VDC
- 275, 320, 400, and 600 Amp load break disconnects
- 75/90C Al/Cu output terminals
- NEMA-3R, 4 & 4X enclosures
- Rated for continuous duty

Available options

- Mechanical lugs
- Provisions for compression lugs
- Isolating / grounded / floating configurations
- Touch safe protective cover
- Custom layouts
- Pre-terminated input conductors
- 10kA SCCR and greater
- Battery and energy storage
- Transient surge suppression
- Breather and drain vents
- Pad-lockable enclosures
- Lockout / tagout provision

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

Specifications

Voltage (Vdc)	1000 / 1500
Disconnect Ampacity	None / 275 / 320 / 400 600
Number of Input Circuits	1 to 36
Input Conductor Size (AWG)	#14 - 8 / #12-4
Fuse Size (Amps)	4 to 32 / 35 to 65
Number of Output Conductors Per Polarity	1 or 2
Output Conductor Size Range (MCM)	#6-350 / #2-600 / 300-800
Enclosure Dimensions (Inches)*	24×24×8 / 30×24×8 / 30×30×8
Enclosure NEMA Ratings	3R / 4 / 4X

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

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DESIGN COORDINATOR

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SEAL

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REVISIONS

#	DESCRIPTION	DATE
0	IFC	02/06/2026
1	IFC R1	02/27/2026

ISSUED FOR CONSTRUCTION
FEBRUARY 27, 2026

138883 CEMETERY SUN, LLC
FREDERICK, IL, 62639

SHEET TITLE

EQUIPMENT SPECIFICATIONS

SHEET NO.

E-802