

AC Combiners



Terrasmart AC Combiners are used to aggregate inverter output circuits. Individual fused inputs are designed for energy supply and generation. AC Combiners are highly configurable to fit any application.

Benefits & features

- Designed for supply and generation applications
- Fuses are bi-directional and load/supply agnostic
- Outdoor rated enclosure mounting options reduce shade and rack requirements
- Current limiting fuses reduce arc flash energy and PPE
- Fuses enable short circuit current ratings above 10kA
- Listed to UL-508A
- 10kA SCCR and greater
- 75/90C Al/Cu mechanical lugs*
- Conductors must be sized per NEC 310

Additional options

- Integrated output or input disconnect(s)
- Neutral terminals
- Transient surge suppression
- Auxiliary fuses or breakers
- Convenience receptacles
- Breather and drain vents
- Pad-lockable enclosure
- Lockout / tagout provision
- Touch safe protective cover
- Custom solutions available



Specifications

Voltage (Vac)	120 / 208 / 240 / 480 / 600*	Input Conductor Size (MCM)	#14-2/0 / #6-350 / #2-600 / 300-800*
Fuse Sizes (Amps)	35 to 800	Neutrals	Optional
Disconnect(s)	None / Input / Output	Output Conductor Size Range (MCM)	#14-2/0 / #6-350 / #2-600 / 300-800*
Disconnect Ampacity (Amps)	Up to 2,000	Typical Enclosure Dimensions (Inches)	24x24x8 to 72x36x12*
Number of Input Circuits	1 to 24	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.

