



## AC Combiner Panels

Our AC Combiner Panels are engineered for high-performance solar aggregation in commercial and utility-scale applications. Designed for projects above 250 kW, this panel delivers utility-grade construction, customizable configurations, and fast lead times, meeting the growing demand for certified, reliable solar infrastructure.

# Technical Specifications

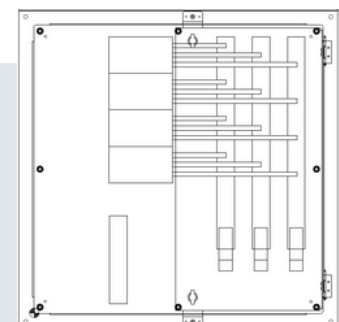
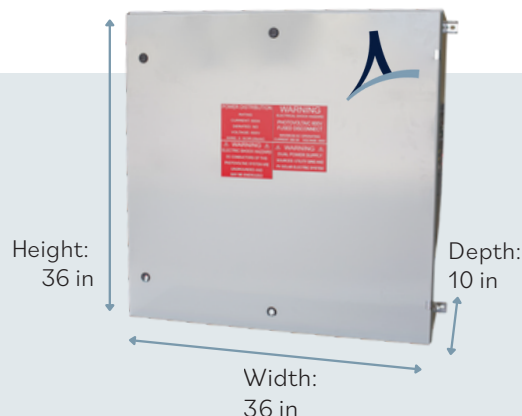


## Power Distribution Center 4:1 AC Combiner

Model	AGIAC400A	AGIAC600A	AGIAC800A
<b>Input Parameters</b>			
No. of Input Circuits	4	4	4
OCPD Type	100A	175A	200A
Disconnect	None	None	None
Compatible Inverters	3-Phase Delta Type	3-Phase Delta Type	3-Phase Delta Type
Rated Voltage	480V / 600V	480V / 600V	480V / 600V
Input Current	≤ 100A	≤ 150A	≤ 200A
Input Conductor Size	#6 – 350 MCM CU/AL	#6 – 350 MCM CU/AL	#6 – 350 MCM CU/AL
Input Conduit Knockout Size	2" (trade size)	2" (trade size)	2" (trade size)
<b>Output Parameters</b>			
Output Conductor Size	#3/0 – 600 MCM CU/AL (1 or 2 sets)	#3/0 – 600 MCM CU/AL (1 or 2 sets)	#3/0 – 600 MCM CU/AL (1 or 2 sets)
Output Conduit Knockout Size	3" (trade size)	3" (trade size)	3" (trade size)
Interrupting Capacity	65kA @ 480V / 25kA @ 600V	65kA @ 480V / 25kA @ 600V	65kA @ 480V / 25kA @ 600V
Output Current Rating	400A	600A	800A
<b>Mechanical</b>			
Dimensions (H x W x D in)	36 x 36 x 10 in	36 x 36 x 10 in	36 x 36 x 10 in
Weight (lbs)	200 lbs	200 lbs	200 lbs
Padlockable enclosure (LOTO)	Yes	Yes	Yes
Grounding busbar	Yes	Yes	Yes
Breather vent	Yes	Yes	Yes
<b>Environment</b>			
Enclosure protection degree	NEMA Type 4	NEMA Type 4	NEMA Type 4
Operating temperature range	-30°C to +60°C	-30°C to +60°C	-30°C to +60°C
Operating Humidity	0% – 95% (non-condensing)	0% – 95% (non-condensing)	0% – 95% (non-condensing)
Operating altitude	6562 ft (no derating)	6562 ft (no derating)	6562 ft (no derating)
<b>Safety &amp; Certifications</b>			
Certifications and standards	UL508A	UL508A	UL508A
<b>Warranty</b>			
Warranty	2 Years	2 Years	2 Years

### For more information or product support:

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Bakersfield, CA, - Worldwide

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