

Critical Loop – AC Combiner



Infinitely scalable, microgrid backbone

Critical Loop's **AC Combiner** provides next generation switchgear that enables remote monitoring, remote control, black-start, and the ability to integrate any source of generation including BESS, Generators, Solar, and grid. Sections available in 1200A, 2000A, and 3200A with ability to chain together multiple sections. All sections can be adjusted to the amp for current protections.

Control independent of asset: Every breaker is outfitted with controllers to provide both automatic and manual switching and remote monitoring. Three phase voltage sensed on both sides of circuit breaker and all circuits are metered and outfitted with sync switches able to close in 4ms.

Features & Benefits

- Permanent or temporary installation via 45-degree camlock connection
- Adjustment down to the amp (10% nameplate of rating)
- Remote monitoring and remote control
- Rapid integration of generation sources for N+1 power
- In-box thermal sensing and heater

Models

AC-COMB-1200
 AC-COMB-2000
 AC-COMB-3200

Amps

1200, 2000,
 3200

Bus

480V

Type

3R

System Standby

Up to 7-days