

AC LV SWBD - 1200 to 5000A, 480 /277VAC



UL 891 Certified Switchboards for BESS Applications

Multi-section SWBD platform designed for integration of solar and / or BESS projects. Thermally engineered for demanding outdoor applications, features up to 6000A bus and 5000A (6000A air cooled) main breaker. Other features include: Multiple mains, feeder sizes from 15A to 2500A, M-T-M control sections, generator quick connect options.

Product Details

- 480 / 277VAC 3P4W
- Main breaker ranges: 1200A – 5000A (6000A air cooled)
- Main lug only options also available
- Feeder ranges MCCB: 150AF, 250AF, 400AF, 600AF, 800AF, 1000AF
- Feeder ranges ACB: 1200A, 1600A, 2000A, 2500A
- Feeder trip type: Thermal Mag or Electronic Trip
- Direct bus / cable connection to MVT options
- Interrupt Ratings:
 - Up to 100kAIC @ 480VAC
 - Up to 65kAIC @ 600VAC
- Surge suppressor option
- Control section M-T-M control schemes
- Oversized lug options for feeders available
- CT / PT / metering packages available



Pictured above: UL 891 / NEMA 3R 480 / 277VAC, 1200-5000A SWBD, with: cable input section, 5000A main, ACB feeder section, MCCB feeder section & SEL control section.



Pictured left: UL 891 / NEMA 3R 480 / 277VAC, 1200-5000A SWBD, with: cable input section, 5000A main, ACB feeder section, MCCB feeder section, 2nd main section, 2nd main input section & SEL control section.

AC Aux Distribution Panel 400-600A, 480/277VAC



Custom Panels UL Certified for BESS AC Distribution

UL certified AC auxiliary distribution panels designed and manufactured for distributing power to HVAC and lighting loads in BESS applications. UL 891, design and construction, UL 508A certification. These panels are thermally engineered for demanding applications, utilize electronic trip and / or TM MCCBs, and are physically oversized for installation / cable flexibility.

Product Details

- 480 / 277 3P4W; 400A / 600A bus
- Main breaker ranges: 150A, 250A, 400A, 600A
- Feeder range: 15A 1P to 250A 3P
- Interrupt rating: 50kAIC @480VAC
- Incoming cable size up to 2x 600MCM
- Outgoing cable size (feeder dependent) up to 2x 600MCM
- NEMA 3R, thermally engineered design
- UL 891 const / UL 508A certification (N3R)
- 60"x48"x16", oversized for ease of cabling

