

SOLAR SPECIFIC UL 891 SWITCHBOARDS OFFER ADVANTAGES!



EPEC
SOLUTIONS, INC.

- UL certified 480Vac through 800Vac
- 800A through 4000A
(Main Breaker & Main Lug Options)
- Direct bus connection to MV Transformer
- No nuisance tripping! Electronic trip breakers on main & all feeders
- Reduce cable sizing! 100% rated MCCBs
- Compact! Main Breaker & up to 30 feeders in 90" x 60" x 36"

epecsolutionsinc.com

North American
CleanEnergy

FROM ISSUE:
JANUARY/FEBRUARY 2023

www.nacleanenergy.com

SOLAR INDUSTRY FIRST!

800VAC MAIN BREAKER SWBD



- UL 891 certified SWBD 660-800VAC
- Main breaker 1200A up to 3000A, LSIG, AERMS (35kAIC @ 800VAC)
- Direct or cable connection to MV transformer
- **No nuisance tripping!** Electronic trip MCCBs on main & all feeders
- **Reduce cable sizing!** 100% rated MCCBs
- **Compact!** Main breaker and up to 20 feeders in 90" x 60" x36"

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North American
CleanEnergy

FROM ISSUE:
MAY/JUNE 2023

www.nacleanenergy.com

660-800VAC BoS Family

Industry First Solar Solutions



1200–3000A AC Recombiner

- UL 891 certified SWBD 660-800VAC
- Direct or cable connection to MV transformer
- No nuisance tripping, electronic trip MCCBs on main & all feeders
- Reduce cable sizing, 100% rated MCCBs
- Compact, 90" × 60" × 36"

MAIN BREAKER OR
MAIN LUG ONLY
1200A UP TO
3000A, LSIG,
AERMS (35KAIC
@ 800VAC)



MAIN BREAKER:
MAX 20 FEEDERS

MAIN LUG ONLY:
MAX 14 FEEDERS

Local AC Inverter Disconnects

- Designed for local disconnect of inverters feeding switchboard
- NEMA 3R
- UL508A Certified



NON-FUSED STYLE
DISCONNECT, 400A



MCCB STYLE
DISCONNECT, 300A,
ETU, 100% RATED



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UL 891 LV SWITCHBOARD

MADE IN USA WITH
100% DOMESTIC CONTENT



EPEC
SOLUTIONS, INC.

- 480-600VAC now with 100% domestic content
- Main breaker 1200A up to 3000A, LSIG, AERMS (35kAIC @ 800VAC)
- Direct bus or cable connection to MVT
- **No nuisance tripping!** Electronic trip MCCBs on main & all feeders
- **Reduce cable sizing!** 100% rated MCCBs
- **Compact!** Main breaker and up to 20 feeders in 90" x 60" x 36"

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JANUARY/FEBRUARY 2024

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SOLAR INDUSTRY FIRST!

800VAC MAIN BREAKER SWBD



- UL 891 certified SWBD 660-800VAC
- Main breaker 800A to 4000A, LSIG, AERMS
- Now 50kAIC @ 800VAC, supports up to 4.2MVA MV Transformer Size!
- Direct or cable connection to MV transformer
- **No nuisance tripping!** Electronic trip MCCBs on main & all feeders
- Reduce cable sizing! 100% rated MCCBs
- Main breaker and up to 20 feeders in 90" x 60" x 36", or new 48" extended depth

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www.nacleanenergy.com

SOLAR INDUSTRY FIRST!

800VAC MAIN BREAKER SWBD



- UL 891 certified SWBD 660-800VAC
- Main breaker 800A to 4000A, LSIG, AERMS
- Now 50kAIC @ 800VAC, supports up to 4.2MVA MV Transformer Size!
- Direct or cable connection to MV transformer
- **No nuisance tripping!** Electronic trip MCCBs on main & all feeders
- Reduce cable sizing! 100% rated MCCBs
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PREFABRICATED, CUSTOM, INTEGRATED SKIDS AND INVERTER RACKS



QUALIFIES FOR
MADE IN AMERICA
& IRS DOMESTIC
CONTENT TAX
CREDITS



LISTED

FULLY ENGINEERED POWER SOLUTIONS



Skid Mounted Central Inverters



Fully Factory Intergrated Skid Mounted PV Unit
Substations (XFMR, SWBD, Aux Power and SCADA)



Inverter Racks - Fully Factory
Integrated or Rack Only

- Virtual Central Power Blocks (*designed to accept all major string inverter brands*)
- Designed by licensed professional engineers
- Option available for Field Service from our experts
- Full design submittals, and installation manuals
- Structural calculations (*wind, snow, reaction loads*); PE stamp available



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