

# 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](http://epecsolutionsinc.com)

North American  
**CleanEnergy**

FROM ISSUE:  
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[www.nacleanenergy.com](http://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" x 36"

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# 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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# 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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## 800VAC MAIN BREAKER SWBD



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- Now 50kAIC @ 800VAC, supports up to 4.2MVA MV Transformer Size!
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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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