



# Electrical Skidded Solutions

## Power Your Data Center with Precision and Reliability



### Key Characteristics

**Modular & Integrated:** Components like switchgear, UPS systems, transformers & controls are pre-integrated into a single, cohesive unit.

**Pre-Engineered & Tested:** Systems are designed, manufactured & tested in our controlled factory environment before delivery

**Plug-and-Play:** On-site installation involves connecting external cables, drastically simplifying the process and reducing installation time

**Allows increased integration complexity:** Instrumentation & control wiring performed & checked in a factory environment prior to shipment.

### Benefits

**Save Time:** Faster installation & commissioning, leading to reduced project timelines & less plant downtime

**Reduced Cost:** Less on-site labor, materials, & construction work translates to significant cost savings.

**Increased Safety:** Factory assembly & testing minimize hazardous conditions and risks on the job site.

**Improved Quality & Reliability:** Rigorous testing & pre-engineering ensure high quality, performance, and a more reliable system

### Specifications

**Design:** All of our skidded solutions are designed utilizing 3D CAD & finite element analysis. Reaction loads are calculated utilizing worst case wind & snow loads in the continental USA.

**Environmental:** Skidded solutions designed for indoor or outdoor requirements.

**Finish:** Steel skids are subject to a multi-stage cleaning & painting process, and utilize industrial automotive paint.

**Options:** Mini-skids, rail skids up to oil containment skids. Custom designed to each requirement.



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## MV transformer -

Dry type (shown), liquid filled (page 1) or dry pad options.

## EPEC LV SWBD -

800 - 6000A, 208 - 800VAC Dual main 4000A with auto transfer controller and (16) feeders. (shown)

## Design -

Finite element analysis performed for all skids, supplying reaction loads for worst case continental US wind and snow loading.



## Base Options -

I-beam minimal (shown)  
galvanized or painted, top plate,  
or oil containment (page 1)

## EPEC LV equipment -

UL 891 switchboards, RPP's,  
PDU's available for skid  
mounting.

## The EPEC Difference

**Personalized service** - Direct collaboration with EPEC's engineering and project management teams ensures every solution is aligned with your needs

**Industry Focused Solutions** - Designs and features optimized for the unique demands of our target industries, ensuring compliance, reliability, and performance.

**Exceptional Technical Support** - Access to knowledgeable in-house engineers and technicians from design through commissioning.

**Short Leadtime** - Lean manufacturing processes & domestic production help accelerate delivery schedules for time-sensitive projects.

**Comprehensive Warranty & Support** - Strong warranty combined with lifetime technical assistance for peace of mind.



### Superior Reliability

EPEC is a proven leader in the design and build of LV AC SWBD's in the demanding solar, energy storage, and EV charging industries. We understand that downtime is not an option for your facility. That's why our Skid Solutions are designed for maximum reliability. It's robust construction and advanced engineering ensure consistent performance and minimal maintenance.