

# Which brand is best for AC DC integrated power cabinet EPC general contracting



## Overview

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EPC is the leader in enhancement mode gallium nitride (eGaN ®) based power management. eGaN FETs and integrated circuits provide performance many times greater than the best silicon power MOSFETs in applications such as DC-DC converters, remote sensing technology. EPC Power delivers resilient, secure energy solutions for AI, data centers, BESS, and solar PV, strengthening on- and off-grid installations. Our inverters provide reliable, high-power output and advanced grid interaction for data centers. — October 2025 — Efficient Power Conversion Corporation (EPC), the world leader in enhancement-mode gallium nitride (eGaN ®) power devices announced the availability of a high-efficiency, high-power-density 5 kW AC-to-48 V DC reference design that demonstrates the full potential. The CAB1000 scalable platform was specifically developed to offer a straightforward and simple solution to developers of Utility-grade energy storage systems. In ~1 MW blocks, the CAB1000 platform offers a single modular system which is tailored to Utility systems of all sizes. The scalable power. The Integritas™ Industrial DC Power System family provides a comprehensive, configurable set of solutions for mission-critical DC-powered applications by combining AC/DC power conversion, battery charging, and power distribution into an integrated package. Advanced Technology at the Core At the heart of our systems are sophisticated switch-mode rectifier.

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### **Power Cabinets and Power Racks**

Our DC Power Cabinets and DC Power Racks represent the pinnacle of DC power system technology, offering unmatched reliability, customizable solutions, and industry-leading efficiency.

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### **DC-DC Cabinet Solutions , Zekalabs**

Our cabinets are designed to provide reliable, efficient, and high-performance power conversion for a variety of industries, including telecommunications, renewable energy, transportation, and more. ...



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### **Utility-Scale Power Conversion Solutions , EPC Power**

EPC Power provides your operation with adaptable PCS solutions. Engineered for space efficiency and seamless integration, our IP55-rated systems provide reliable performance in any application and ...



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## **Presentation**

Microgrids - Ideal for microgrid applications where AC loads need to be powered from both solar and batteries.  
 Retrofit Solutions - Easy Add-On to existing PV Plants without modifying the PV field.



- LiFePO<sub>4</sub> Battery, safety*
- Wide temperature: -20~55°C*
- Modular design, easy to expand*
- The heating function is optional*
- Intelligent BMS*
- Cycle Life: > 6000*
- Warranty: 10 years*



### Presentation

The EPC Energy line of C& I storage and microgrid solutions targets the commercial and industrial scale energy storage system and provides a fully integrated, turnkey solution.

### Integrated Cabinet Power System

Pacific Power Source's Integrated Cabinet System transforms our AC Power Sources, Grid Simulators, and Loads into a complete turnkey system. Applies to AGX, RGS, RLS, AFX, ADF Series. Designed, ...



### 5 kW GaN-Based AC/DC Reference Design for AI Server and Data ...

The EPC 5 kW reference design supports a modular power architecture scalable to 33 kW, 48 kW, and as high as 108 kW rack systems for less cost, delivering

industry-leading efficiency ...



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### AC-DC Cabinets , Zekalabs

Meticulously designed to deliver unparalleled reliability, efficiency, and high performance, our cabinets cater to diverse industries such as microgrids, renewable energy, and energy storage. Experience ...



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### Integritas Industrial DC Power System

The Integritas Industrial DC Power System family combines AC/DC power conversion, battery charging, and power distribution into an integrated package.

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## Contact Us

For catalog requests, pricing, or partnerships, please visit:  
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