



# 5MWEPC EPC Server Rack for Microgrids

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Who makes EPC power?

EPC Power is proudly powered by Americaningenuity. Our power conversion systems are designed,engineered,and manufactured in the USA using high-quality components. Since our founding in 2010,we have quickly become the premier manufacturer of utility-scale power inverters in North America.

Why should you choose 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 fuel the world's largest renewable energy projects. Our inverters provide reliable,high-power output and advanced grid interaction for data centers.

What is an EPC inverter?

EPC's inverters are designed for the energy storage and PV marketand include advanced functionality as standard,that enable participation in grid ancillary services like frequency regulation,voltage control and black start,with leading response time.

The EPC91107KIT is more than an evaluation board -- it's a reference point for the future of server power design. By showcasing a 5 kW, four-level totem-pole PFC built on EPC2304 GaN ...

We can build out both or add energy storage to existing PV projects. EPC Energy also provides integrated energy storage solutions for microgrid projects that tap into the power of storage, PV and ...

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.

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 ...

U.S.-manufactured, utility-scale power conversion systems built for mission-critical reliability and grid stability. EPC Power delivers resilient, secure energy solutions for AI, data centers, BESS, and solar ...



## 5MWEPC EPC Server Rack for Microgrids

EPC's 5 kW reference design combines these benefits with a modular architecture scalable to 33 kW, 48 kW, and 108 kW power levels. As a result, it delivers a sector-leading solution for AI servers, data ...

Designed to support time-of-use (TOU) arbitrage, demand charge management, microgrid, PV self-consumption, resiliency, and more applications. Choose from 250kW up to 500kW total PCS power ...

EPC's 5 kW reference design is scalable to larger systems, supporting 33 kW, 48 kW, and even 108 kW rack architectures. This makes it ideal for next-generation AI servers, data centers, ...

Designed to meet Open Rack V3 (OCP ORv3) size requirements, this modular solution delivers superior performance with a dramatically smaller size and lower cost compared to equivalent ...

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