

Power Your Robotic Solutions



with Advanced Energy's Precision Power Supplies and Converters

Business Challenges Solved

Your customers are looking to automate, and they require cost effective and user-friendly robotics solutions. With quick shifts in market demand and customer requirements making responsiveness critical, our team can partner with you to solve power requirements so you can focus on what you do best.



Powering your needs

- **Faster go-to market** with a comprehensive analysis of power requirements and solutions to accelerate product development cycles. We partner with you on future initiatives that integrates new technology and capabilities.
- **Mitigate supply chain risks** and the impact of rising material costs.
- **Highly efficient power conversion solutions.** Minimize energy losses and reduce power consumption, lowering operating costs for your customers and carbon emissions.
- **Custom products if needed.** AE offers modification of standard and/or development of tailored power conversion solutions, optimized for specific robot applications and operating environments.
- **Technical support** for integration and troubleshooting.

Broad portfolio

AC-DC Power Supply Units

- Configurable and Modular
- Bulk Distributed
- Rack Mount and Rectifiers
- Open Frame
- Fanless and Conduction-Cooled
- Externals and Adapters

DC-DC PCB Mount Converters

- PFC Modules
- Converters with Medical Certifications
- High Voltage
- Telecom
- Isolated
- Non-isolated

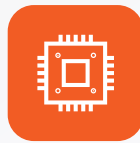
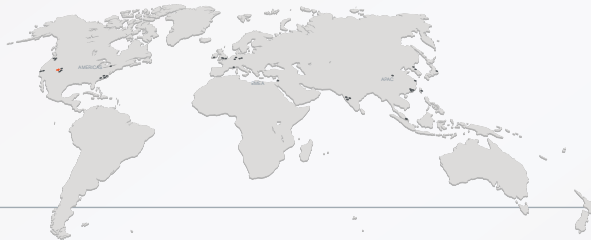
Why Advanced Energy?

advancedenergy.com



Technology Leader

1,000+ AE engineers
#1 or #2 in all target markets
700+ patents



Breadth

Voltage: LV → HV
Power: LP → HP
Freq: DC → RF
Temp: contact/non-contact
Control: PCM, IoT
RF: measure & calibrate



Best-in-Class Operations

New factories in Bangkok, Mexicali
World-class automated manufacturing reduces power consumption to decrease carbon



Focus

We deliver precision power and control
11 leading power & measurement acquisitions
Lead in power / performance / density / efficiency



Track Record

40+ years in business
Largest US-based public company in segment
Listed on NASDAQ 1995



Scale

~\$2B revenue and largest power supply provider in the western hemisphere
Global FAE support



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