



Solving Diverse
Power Challenges
Across Diverse Industries

*Power Solutions from AMETEK Solutions,
Your Trusted Power Partner*

AMETEK[®]
PROGRAMMABLE POWER
Solutions



TRUST



Power Management Technology and Expertise You Can Trust

Before you can hand over your power conversion project, you need to feel confident about your chosen power partner. You need a dedicated company with a deep understanding of your complex power requirements. You also want to work with a company that has a legacy of providing solutions that are superior in quality, performance and safety.

As one business of AMETEK Programmable Power, the industry's trusted power partner, AMETEK Programmable Power Solutions (PPS) brings the combined expertise of decades of power management technology—built on the brands you rely on: Sorensen, Elgar, California Instruments and AMREL.

If You Can't Find It in a Catalog, We Can Create It

We are uniquely qualified to work directly with customers in developing application-specific power solutions through modified standard products, integrated power systems using standard products or fully customized solutions.

These Fine Organizations and Others Consider PPS Their Trusted Power Partner:



Solar Array Simulators for Satellite or Terrestrial Applications

Special, fast tracking emulation of a PV array:

- High precision PV simulation
- Both static and dynamic behavior
- Complete turnkey systems including software



Electro-Coagulation Power Subsystem

Easy to use, simple design with stable regulation:

- Programmable output polarity switching to 500A
- Transportation vibration immune
- Ruggedized for harsh environments and operational when you need it



High-Energy Laser Power Subsystem

Fully wired AC input and DC I/O power subsystem:

- Can be pulsed or stable regulation
- High power density power rack
- Air-to-water heat exchanger to reduce loading on lab HVAC



Legacy ATE Retrofits

Preserves form, fit and function:

- Allows the use of existing system cables
- Maximizes the existing TPS command sets
- Provides higher power density for future asset offloads





VALUE vs. COST



More Than Just a Turnkey Product

We deliver a partially or fully integrated product to get you closer to your end-use application—saving time and labor. Once again, we commit to:

- Commission the new system with you
- Train you how to use it
- Deliver a full documentation package

On Schedule

We keep ahead of schedules and budgets by mastering and managing the details of the project, with a dedicated AMETEK project manager assigned to your work.

Redeploy Your Internal Resources

Deploy limited design and engineering resources to focus on your core competency, rather than assigning them to power conversion tasks.

Our agile project teams include design/test skills, power systems expertise, program management, quality assurance, software engineering, operations, material planning and sales support.

Quick Delivery

We design and manufacture power solutions—usually within 12 weeks or less!

System integration can be completed within just a few weeks of receiving the power supplies.



Avionics



Water Purification



Research & Development



Commercial and Defense ATE



Semiconductor Fabrication



Oil & Gas Exploration



Solar Array and Battery String Simulation



Cloud Computing



Power Expertise Across All Industries

AMETEK Programmable Power Solutions has experience solving power challenges in your industry. Even if your application is niche, no power conversion requirement is too exotic for our talented team. Contact us with your project requirements today.



www.ppswin.com

CLEAR VISION > SOUND STRATEGY > SOLID PERFORMANCE

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