



Your Industrial Power Conversion & Control Systems Solutions Partner



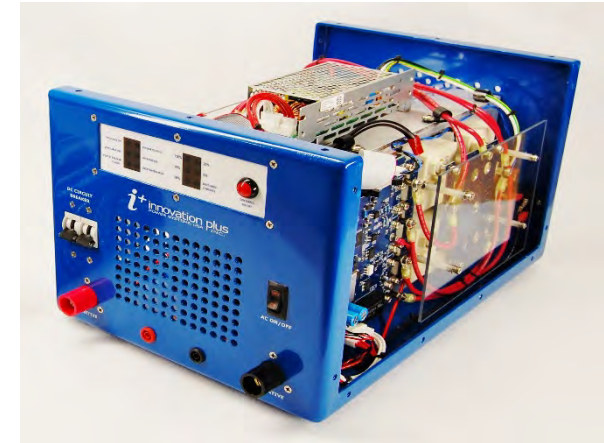
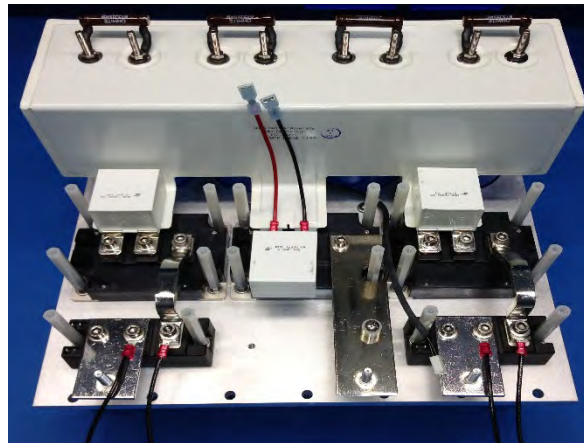
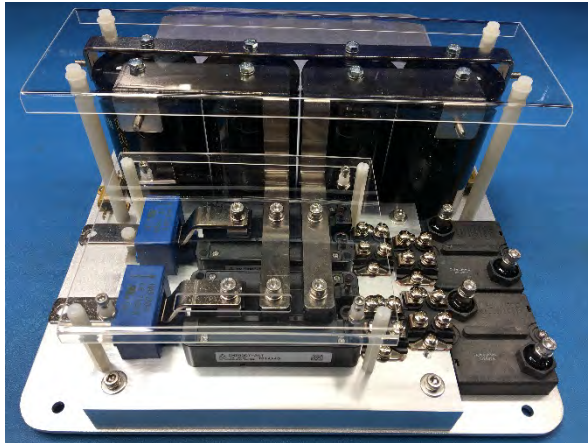
ICT Power USA Inc. has gained recognition as a global market leader in the engineering, design and manufacturing of world class industrial power conversion and control systems and solutions.



Going Beyond Build To Print...

Our business is customer-driven, technology-influenced, engineering-oriented and focuses on world-class manufacturing processes and techniques. We strive to be the best manufacturers of power electronic systems and solutions by providing the industrial electronics marketplace with benchmark production quality.

We utilize our expertise in power electronics systems to provide turnkey solutions for the power electronics industry.



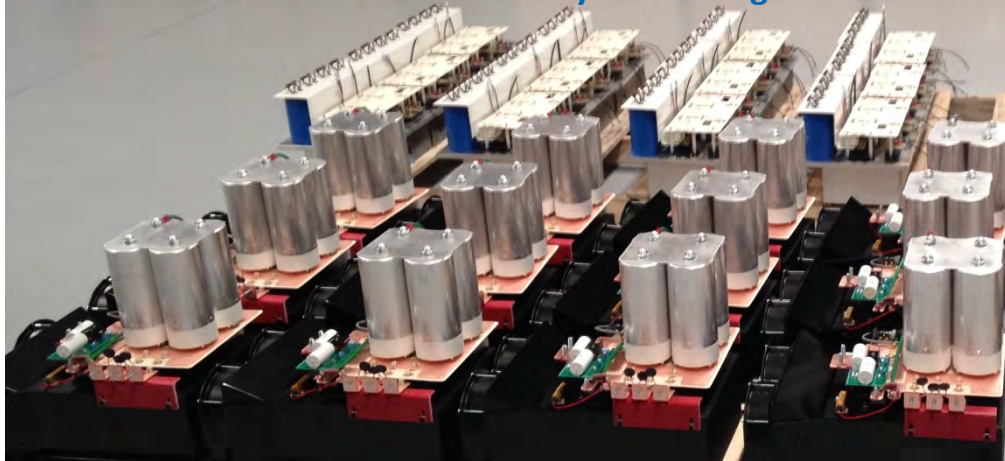
Benefits realized by our clients:

- ✓ Bottom line savings in time and materials
- ✓ Reduction of maintenance and down time costs
- ✓ Safer, more efficient system up-grade solutions
- ✓ Dealing with specialists that can support Power Electronics
- ✓ Reduce down time by looking at projects from a system level, not only a component level

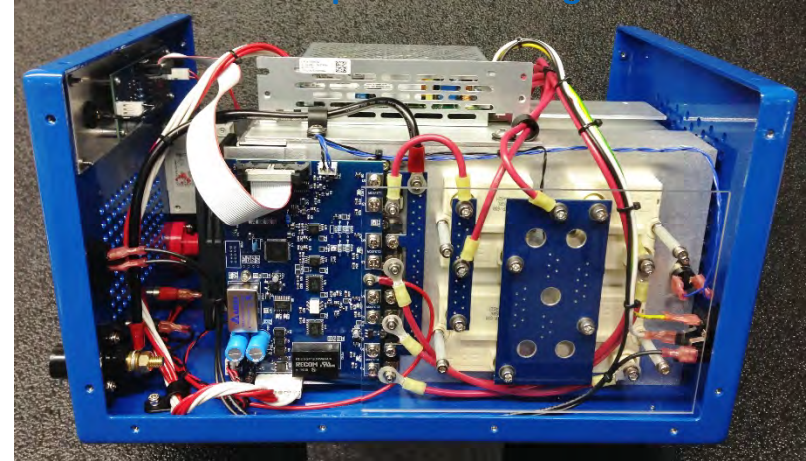
Full Manufacturing Services



Tested Inverters Ready For Crating



Ultra-Capacitor Discharger



Industrial power electronics is our job! Our experienced, innovative, and dedicated team have the agility and expertise to support our clients across a wide spectrum, covering a broad range of technical competencies.

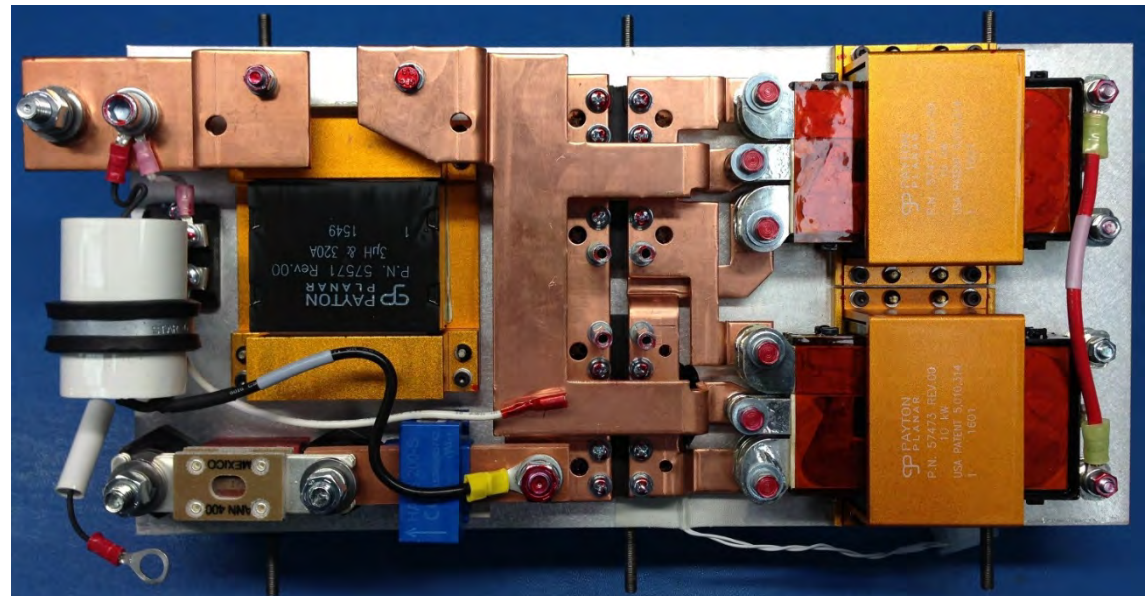
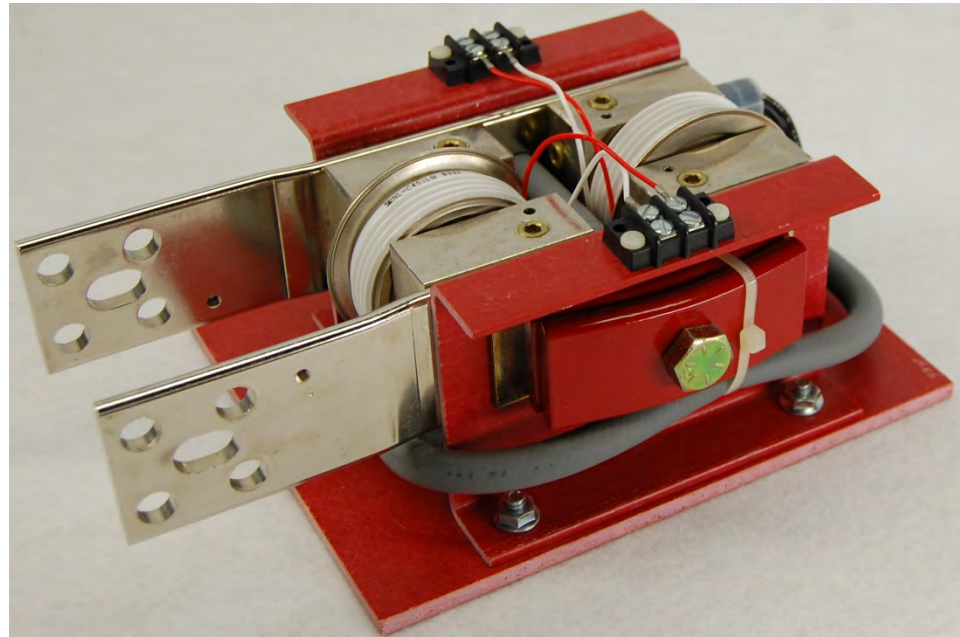
Whatever your needs, we are uniquely positioned to provide a world class customer service experience that will exceed all expectations. Over 80% of our product is private labeled for customers worldwide, including Fortune 500 companies.

From beginning to end, we offer a comprehensive range of manufacturing services and products to meet customers' needs such as:

- Assembly of Prototypes and Design Assistance
- CAD Design
- Documentation & Manual Preparation
- Manufacturing and Testing Process Evaluation
- Research and Development
- PCB Assembly (IPC Trained SMT & Through-hole)
- Project Management
- Reverse Engineering of Systems & Specifications
- Manufacturing & Purchasing Specification Review
- Custom Packaging Solutions To Ensure Your Products Arrive Safely

Industries & Applications:

Inverters / Converters
Silicon Carbide Systems
Ultra-capacitor Dischargers
Resistance welding switches
Energy Storage Systems
Steel & Mining
Alternative Energy
Power Generation
Transportation
Wind Power
Solar Power
Aerospace
Rail
Marine
Renewable Energy
High power rectification
Pulsed power
Soft starts
Battery chargers
Ultra-capacitor Chargers



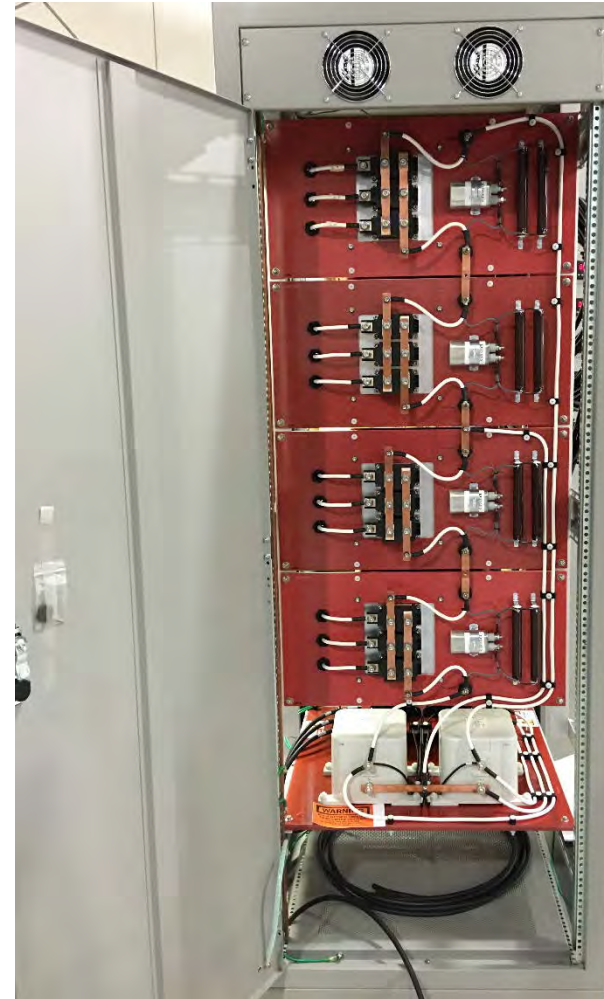
SiC Products

- **30 KW SiC Inverter**
 - DC-AC Inverter, $V_{in(max)}$ 800 V_{DC}, $f_{sw(max)}$ 100 kHz
- **30 KW PFC Rectifier**



Cabinet Builds

24 Pulse Rectifier



Converters

AC to DC Converters / AC to AC Controllers, Air Cooled/Liquid Cooled

Applications Include

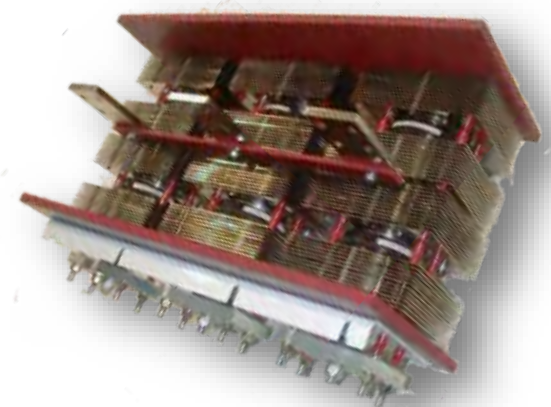
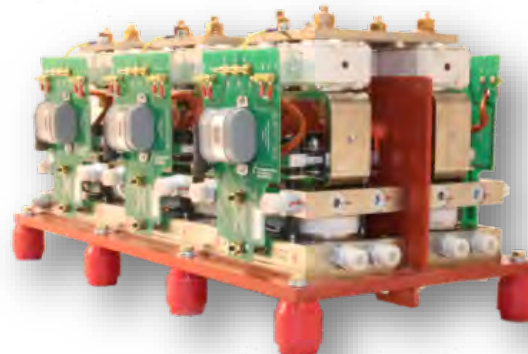
AC/ DC Converters
AC Phase Controllers
Power Supplies
UPS
Static Converter
Soft Start
Induction Heating
Welding

Circuit Configurations

Single Phase
Three Phase
Poly Phase
AC Switch
Parallel
Static Switches

Available Options

Air or Liquid Cooled
Voltage Feedback
Current Feedback
Thermal Feedback
Snubbers
Laminated Bus
DC Filter Capacitors
Output Bus Bars
Blowers/ Fans



- Ultra-Capacitor Dis-Chargers



- Energy Storage Modules

