



**COPPER  
FOIL  
SOLUTIONS**

**Power Conversion Equipment**



# DC power supplies for the toughest challenges in copper foil production.

## PUT DYNAPOWER'S EXPERTISE TO WORK

Dynapower brings decades of experience in designing, engineering, and manufacturing high power rectifiers for electrolytic copper foil formation. We offer rectifiers for all processes found in the production of copper foil — from high-power thyristor rectifiers for

electrodeposition to switch mode rectifiers for passivation and SCR rectifiers for polarization. To bring you the best return on investment, we work with you to select a topology and design an optimal rectifier solution to best suit your copper foil production process and unique requirements.

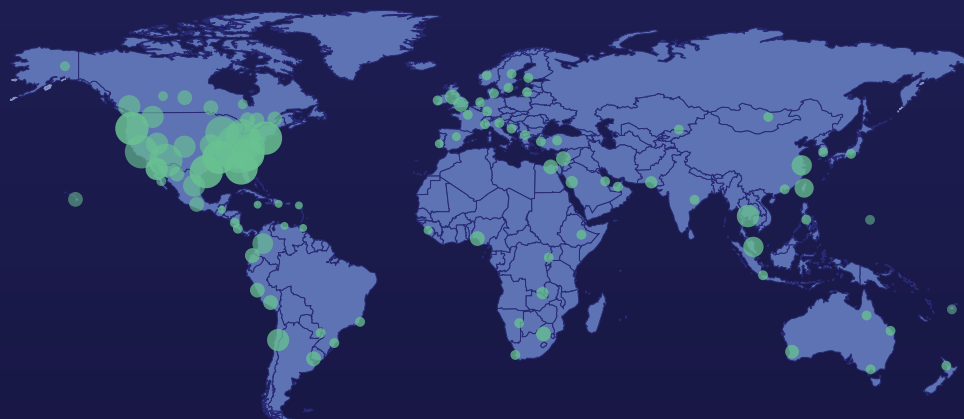
## POWERING THE WORLD'S LEADING BRANDS & INSTITUTIONS

Since 1963, Dynapower has provided power electronics solutions and aftermarket services to an ever-expanding global customer base, with a focus on continuous reliability and efficiency.

We are a trusted leader in all types of power conversion equipment, including high-power rectifiers, inverters, DC-DC converters, integrated

battery energy storage systems, and transformers for use in clean energy, industrial, and defense applications.

Powered by the pursuit of a greener future, we are rolling up our sleeves and pushing the boundaries of science and innovation to shift the way our world uses power.



**OUR TECHNOLOGIES:**

**Complete Rectifier Solutions**

- Rugged and field-proven designs for operating in extreme environments
- Maximum efficiency that reduces operating costs
- Legendary reliability and durability for decades of operating life with minimal required maintenance

**THYRISTOR RECTIFIERS**

**AC Input**

480V-69kV

**DC Output**

Up to 8MW per unit, with ability to parallel multiple units for increased capacity and improved harmonics.

**Application**

Electrodeposition



**SCR RECTIFIERS**

**AC Input**

480V (additional options available)

**DC Output**

150-300V, 150-1000A (additional options available)

**Application**

Polarization



**AIR-COOLED SWITCH MODE POWER SUPPLIES**

**AC Input**

220V

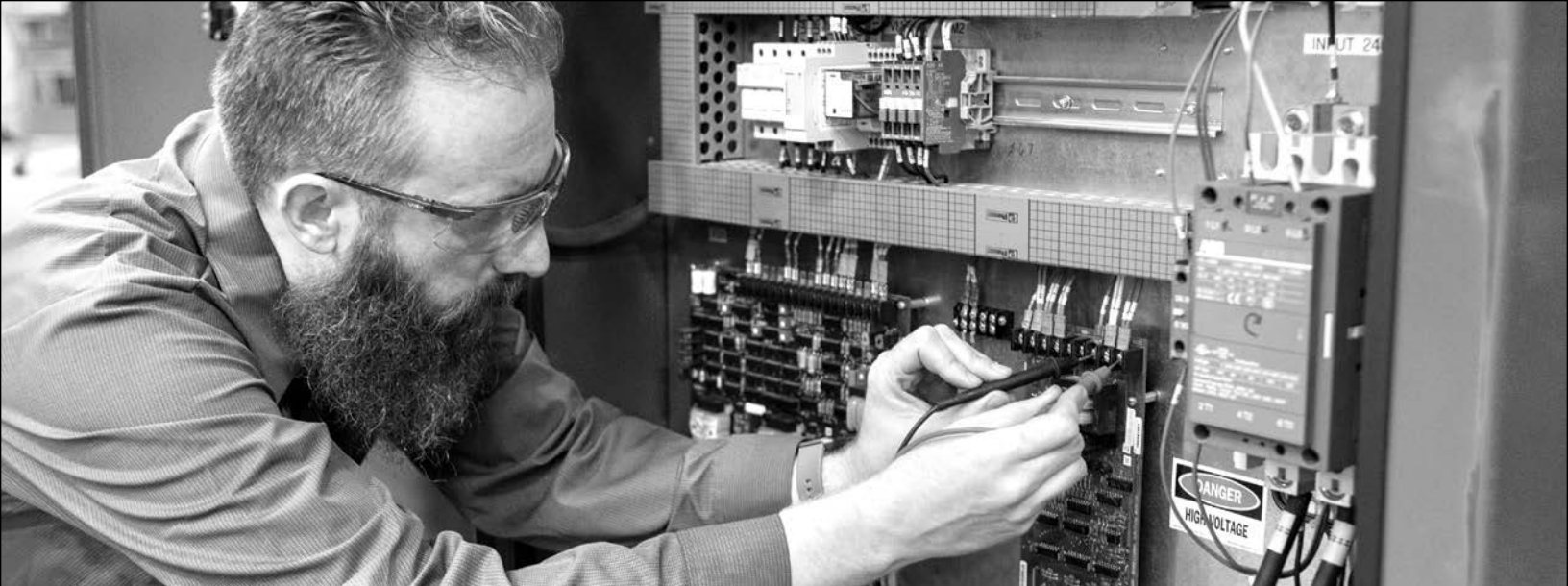
**DC Output**

0-20V, 0-50A

**Application**

Passivation





## Worldwide Service & Support

### COMMISSIONING

To ensure your power conversion system is in accordance with project specifications, we work closely with you during the commissioning and start-up phase. Our deep knowledge and expertise allow for effective planning, troubleshooting, and execution.

### FIELD SERVICE

We help ensure the reliability and availability of your equipment with on-site equipment evaluation, repairs, maintenance, and planning. With a large field service staff, we can handle any job — big or small, high precision or high volume — anywhere in the world.

### PREVENTATIVE MAINTENANCE

Equipment inspections and adjustments at regular intervals extend mean-time-between-failures, raise overall equipment effectiveness, and allow your production to stay on schedule. We offer four levels of Preventative Maintenance Plans that cover a range of health, safety, performance, and compliance checks.

### SPARE PARTS

High-quality spare and replacement parts help ensure maximum uptime for your equipment. We supply thousands of spare parts, including control boards, amp and volt meters, potentiometers, fuses, thermal switches, diodes, thyristors, IGBTs, contactors, relays, and fans.

### RECTIFIER OPERATION & MAINTENANCE TRAINING

We offer flexible training options and regular training seminars to give you and your staff the technical knowledge you need to correctly and efficiently operate your Dynapower equipment and to ensure smooth day-to-day operations and minimal downtime.

### 24/7 TECHNICAL SUPPORT

We provide worldwide support and technical expertise any time of day or night, with technical support specialists, field service technicians, customer service reps, and a full complement of electrical and mechanical engineers. For immediate assistance, you can call us at (800) 332-1111 or visit our online support portal.

**DYNAPOWER**

85 Meadowland Drive, South Burlington, Vermont USA 05403

1.802.860.7200 | [sales@dynapower.com](mailto:sales@dynapower.com)

[dynapower.com](http://dynapower.com)

