

**KRAFT
POWERCON**



DC power - anywhere!

High current by KraftPowercon

It's all about the past, the present – and the future

We supply power supply for electrochemical processes, and actually delivered our first such rectifier back in 1948. Whether we are talking about our thyristor rectifiers, our pulse units, battery test equipment or the modular switch mode FlexKraft rectifiers, one thing is certain: our products are highly reliable. We have always been up to date, using the latest technology and quite often delivered groundbreaking inventions such as primary switch technology (1983) and the FlexKraft modular switch mode rectifier (2004). And, while we continuously improve the performance and efficiency of our present range, we are working on the next generation of rectifiers.

There are many good reasons to choose us

Rectifiers often have to endure damp, hot, dirty and corrosive conditions. And, to work properly you need for a supplier with long, technical experience and enough know-how to tackle these circumstances. In short, you need KraftPowercon. Our products reduce life cycle costs and their high reliability cuts downtime and associated costs. In addition, FlexKraft can easily be repaired on site by the user, reducing the problems that arise from a standstill. Furthermore, the high efficiency of our products reduce energy consumption, which is a key issue for customers today (and in the future). We are also a company that follows four guiding lights in everything we do:

- 1. You can always count on KraftPowercon**
- 2. KraftPowercon always has something new on the way for you**
- 3. KraftPowercon is right beside you**
- 4. KraftPowercon is your proactive partner**

This, paired with our high quality and innovative ability, leads to a lower total cost and gives you a sense of comfort. You know that we deliver, that we have the latest and best products and that we stand by our brand promise: we won't let you down.

Service and after sales come naturally to us

Our products are highly reliable and top quality, but naturally maintenance, upgrades, repairs, help with installation, education and training, spare parts and everything you need to run your operation smoothly are prioritised fields for us. Please see our service information sheets for more information on our service and after sales offers.

What's next?

We are already exploring new fields. Ballast water treatment is growing quickly, as are cleaning applications within the fish, food, meat and brewing industries. But what is the next big growth area? Solar energy? Wind power? Something else? It doesn't matter, we will get there first and make sure that our products are as efficient as possible.





A quick look at our products

FlexKraft rectifiers

This rectifier has a switch mode design and is assembled in a stack based on one or more power modules, which together with a control module forms a rectifier. FlexKraft is available with single or dual outputs, is an extremely flexible rectifier and due to its modular design it can run on reduced power while awaiting service. It is also very economical in terms of both size and energy consumption. The power factor is high and efficiency high.

Thyristor rectifiers

For larger installations, e.g. hard anodising of larger areas and production of hydrogen or chlorine, we have a wide range of efficient and reliable thyristor rectifiers. They are obvious choices when high power is required and available as all-in-one solutions or with separate transformers that are fed through high voltage power lines. Thyristor rectifiers are standard products but can be combined with FlexKraft to suit your needs perfectly.

Multi Pulse plater

For special applications, such as copper plating of complex PCBs, the use of pulsed (and sometimes reverse) current has become increasingly common. The method leads to major cost savings, improves distribution quality and increases output. The products have a very long life cycle, due to a high degree of protection against external conditions.

Battery Formation Rectifiers

We produce high precision Life Cycle Testers (LCT), Reserve Capacity Testers (RCT) and High Rate Dischargers (HRD) for laboratory testing of production batteries that conform with JIS/DIN and other international standards. Our equipment is regarded a reference standard by reputed battery manufacturers all over the world.

For more information on our products and technical specifications, please visit our website www.kraftpowercon.com.

How's this for a list of references?

Here are some of the global brands we work with, either direct or through OEM companies: Boeing, BMW, Volvo, IBM, Hewlett-Packard, Ericsson, Ericsson Telecom, AT&T, Motorola, National Semiconductor, Thomson -CSF



KraftPowercon is a global company with production facilities in Sweden, China and India. We offer innovative solutions, products and services within industrial power supply that secure your processes, and give you a number of business benefits. We are a fast-moving industrial company and a learning organisation working towards eliminating waste and taking care of the scarce resources of this world, while constantly improving the performance and efficiency of our products in order to fulfil our brand promise: we won't let you down.