



Full Product Range

IXYS UK are a leading manufacturer of high power diodes, thyristors and IGBT's.
Our comprehensive product range covers the following:

High Power Diodes	Rectifier diodes (W series)	up to 7200V and 12100A
	WESPACK Rectifier diodes	up to 2200V and 5300A
	Fast and soft-recovery diodes (M series)	up to 6000V and 3800A
	Extra fast recovery diodes (F series)	up to 5500V and 1300A
	HP Sonic-FRD's (E series)	up to 6500V and 4100A with new products in development
Thyristors	Phase control thyristors (N series)	up to 6500V and 7000A
	WESPACK Phase control thyristors (N series)	up to 2200V and 4500A
	Medium voltage thyristors (K series)	up to 6500V and 4200A
	Fast turn-off thyristors (P series)	up to 1200V and 1000A
	Distributed gate thyristors (R series)	up to 4500V and 5370A
	Gate turn-off thyristors (G, S & H series)	up to 4500V and 4000A
	Pulse thyristors (Y series)	up to 2500V and 50kA pulse current
IGBT's	Press-pack IGBT's (T series)	up to 6500V and 3000A Ic with new products in development



Applications

IXYS UK's products are used in countless applications around the world. These include:

- Rail and traction applications
- Power conversion
- Marine and off-shore applications
- Induction heating
- Medium voltage drives
- Pulsed power applications
- General rectification

Power Electronics Assemblies

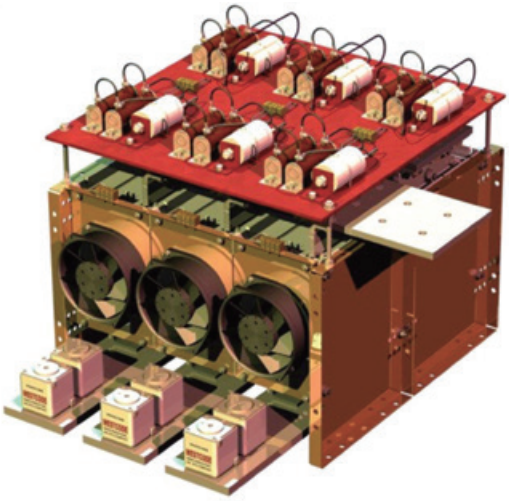


With over 80 years of experience, our dedicated team of talented design engineers can deliver a wide variety of industry leading solutions ranging from simple standard sub-assemblies to complicated multi-megawatt power systems.

In many cases, you will know what you need – how it will be cooled, controlled, interfaced and implemented. However, in some cases, you will have an idea, concept or problem that needs developing into a complete solution.

Whatever your needs, our team of specialists can work closely with you to provide a state of the art solution that adds real value to your business.

WESTACK



A standard assembly module providing the basic building block for the WESTACK range of assemblies.

Assembly modules can incorporate single or dual devices and allow the building of:

- Single-phase diode and thyristor bridges
- 3-phase diode and thyristor bridges
- 6-phase, single way diode and thyristor assemblies

Custom built assemblies can be provided when a standard solution is not suitable.

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