

R&D Electronics Newsletter (2015 Issue 1)

Welcome to our 1st issue of newsletter in 2015! We wish all a Happy and Healthy New Year!

R&D Electronics is the **exclusive Sales-Channel of TECHSEM**, which is a well-known Chinese developer and manufacturer of **diode / thyristor modules and capsules** with more than 48 years experience. In our well-structured B2B e-commerce-portal www.rd-ebusiness.com you can quickly find and order all products with the help of the integrated user-friendly search and ordering process. The online-shop is presented in **English, German and Portuguese** language.

In this issue we would like to give you an overview of the TECHSEM product range and the application fields of the products. In addition, some key features of the products will be introduced as well.

Also this year R&D Electronics will exhibit together with TECHSEM at **PCIM fair** in Nuremberg. Please find detailed information in this newsletter.

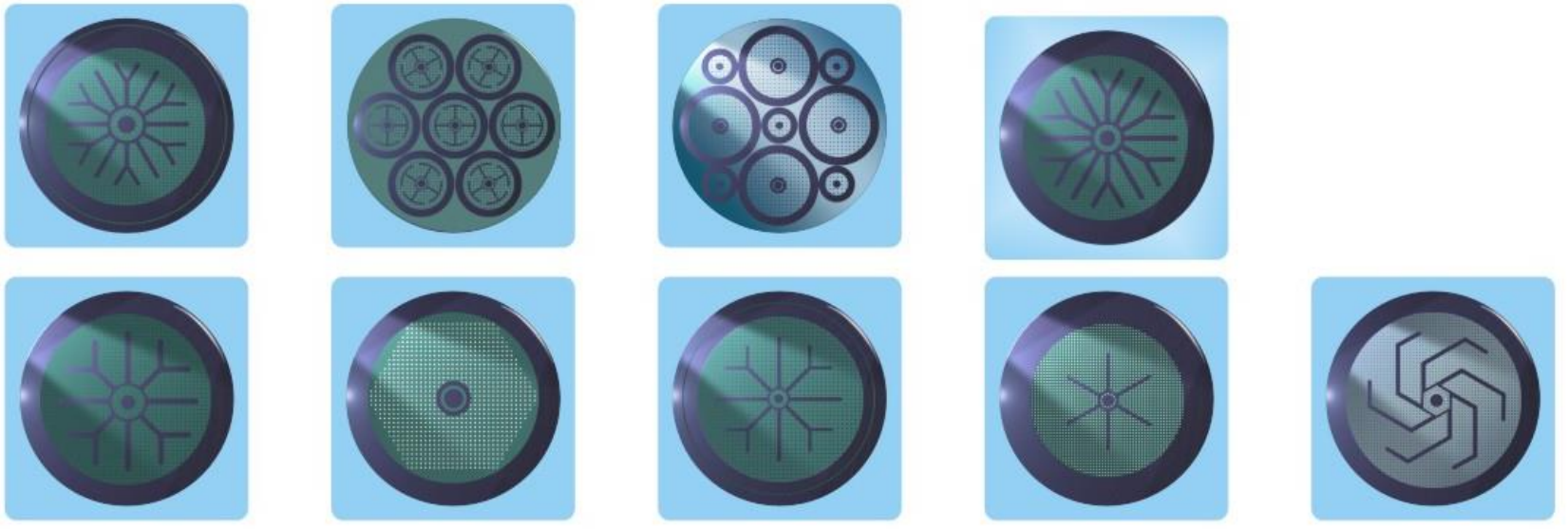
All of our newsletters are archived in our online-shop. More information is available under: www.rd-ebusiness.com

Yours faithfully

R&D Electronics Team

TECHSEM - Full Range Provider of Power Semiconductors

1. Wafers



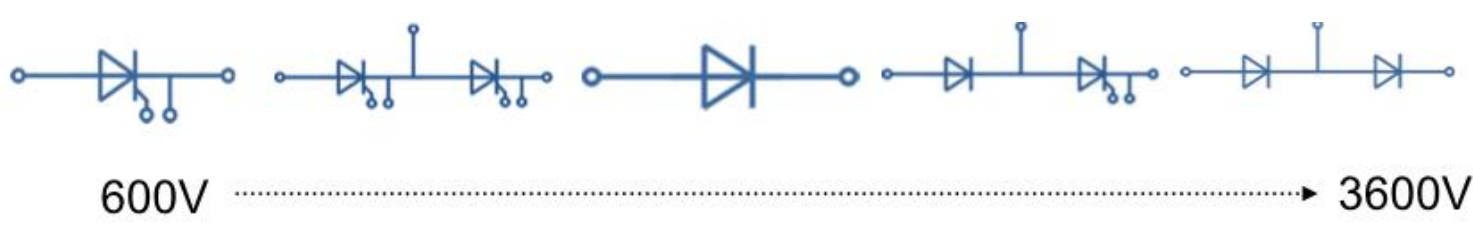
- Size: 1.5 – 6 inches
- Voltage: 400 – 7200V
- Used for phase control thyristor, fast turn-off thyristor, rectifier diode, fast recovery diode

2. Chips



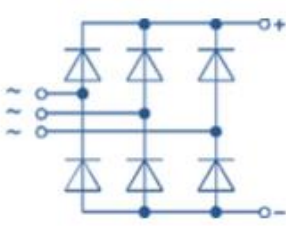
- Size: 1.5 – 5 inches
- Voltage: 400 – 7200V
- Current: 25 – 8000A
- Used for phase control thyristor, fast turn-off thyristor, rectifier diode, fast recovery diode

3. Power Modules



- Pressure contact with higher reliability and longer life-time
- Reliability test to 20,000 power cycles
- International standard housing (second source possible)
- CE / UL / RoHS compliant
- Main application fields: DC motor control and drives, power converters, battery charges, welders, heat and temperature control, lighting control

4. Bridge Rectifiers



600V 1800V

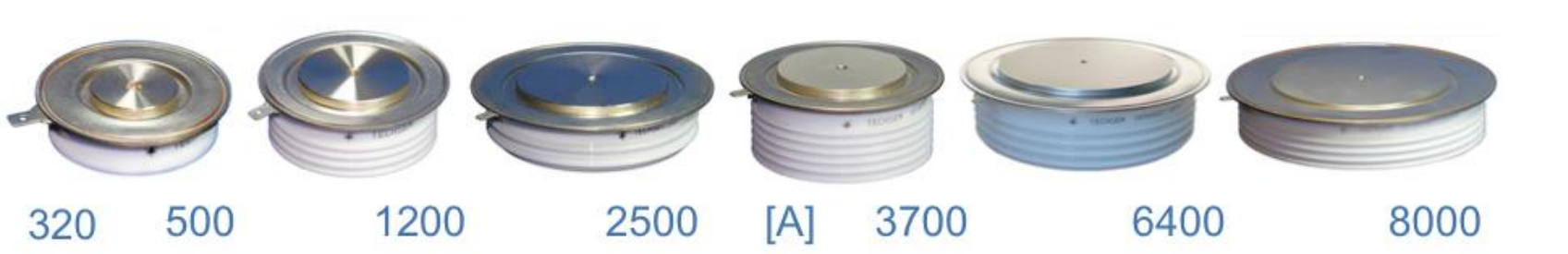


- Excellent cost-benefit ratio
- International standard housing (second source possible)
- CE / UL / RoHS compliant
- Main application fields: power converters, SMPS, UPS, general purpose inverters, welders

5. Capsule Thyristors / Diodes



200V 8000V

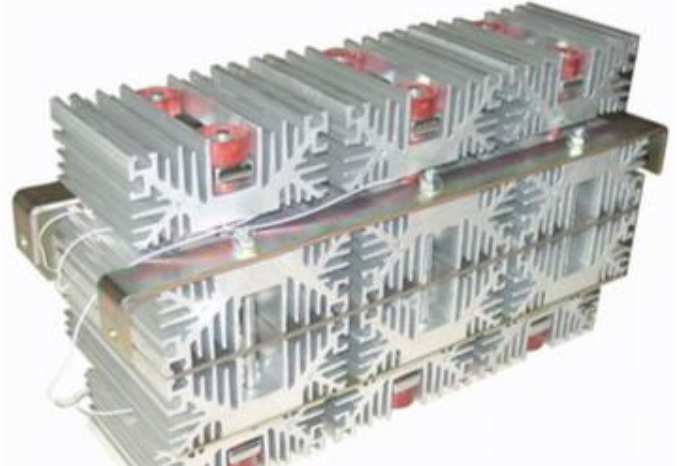


- Diverse chips for different applications
- International standard housing (second source possible)
- CE / RoHS compliant
- Main application fields: induction heating, high current DC power supplies, medium voltage soft starters, traction

6. Heat Sinks & Power Assemblies

Model number	Type	Power	Type	Power
HS11		1000W		1000W
HS12		1000W		1000W
HS13		1000W		1000W
HS14		1000W		1000W
HS15		1000W		1000W
HS16		1000W		1000W
HS17		1000W		1000W
HS18		1000W		1000W
HS19		1000W		1000W
HS20		1000W		1000W
HS21		1000W		1000W
HS22		1000W		1000W
HS23		1000W		1000W
HS24		1000W		1000W
HS25		1000W		1000W
HS26		1000W		1000W
HS27		1000W		1000W
HS28		1000W		1000W
HS29		1000W		1000W
HS30		1000W		1000W

Model number	Type	Power	Type	Power
HS31		1000W		1000W
HS32		1000W		1000W
HS33		1000W		1000W
HS34		1000W		1000W
HS35		1000W		1000W
HS36		1000W		1000W
HS37		1000W		1000W
HS38		1000W		1000W
HS39		1000W		1000W
HS40		1000W		1000W
HS41		1000W		1000W
HS42		1000W		1000W
HS43		1000W		1000W
HS44		1000W		1000W
HS45		1000W		1000W
HS46		1000W		1000W
HS47		1000W		1000W
HS48		1000W		1000W
HS49		1000W		1000W
HS50		1000W		1000W



- Power assemblies with variety circuit topologies
- Water cooling and forced air cooling heat sinks with diverse models
- Main applications of power assemblies: power systems, heat control systems, tractions, renewable energy systems

Visit us at our booth during the PCIM in Nuremberg

PCIM
EUROPE

Visit us at PCIM Europe:
From 19 - 21 May 2015 in Nuremberg, Germany,
Hall 9, Stand 9-429

We are looking forward to meeting you. For meeting arrangement please contact us via info@rd-ebusiness.com or by phone +852-3421-2216.

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