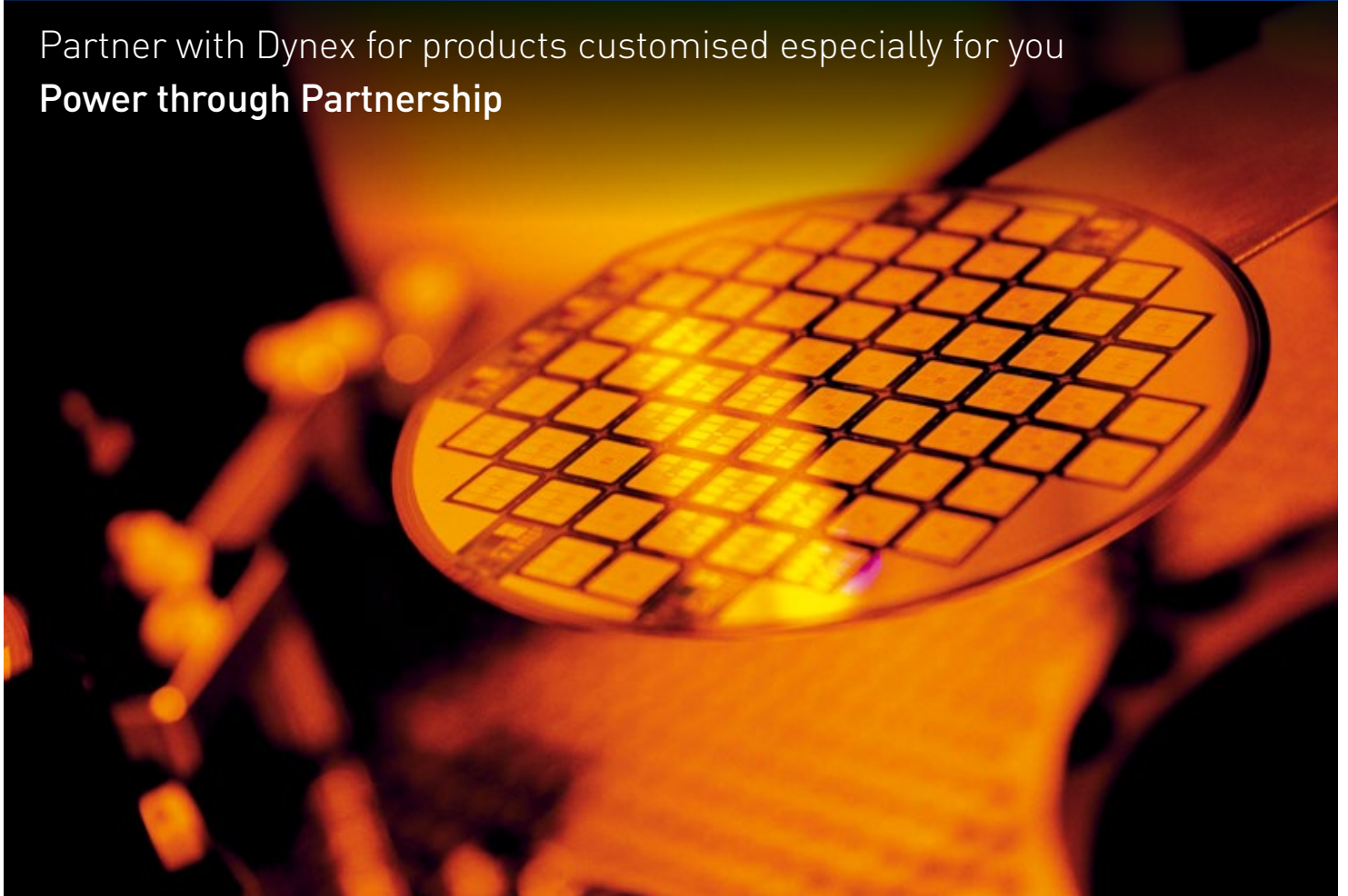


Partner with Dynex for products customised especially for you  
**Power through Partnership**



- With manufacturing facilities in the UK and China, we are able to offer mass production capabilities, engineering samples and collaborative R&D projects
- We are a vertically integrated facility with device design, wafer fab, packaging, qualification and testing available on site
- Our R&D centre has dedicated engineers for design and simulation using the latest software packages
- No matter your application, all our products can be fully customised to meet your requirements with alternative devices, materials, and interconnect technology
- Using our relationships with various suppliers we offer our clients application specific silicon products
- We have a range of industry standard packages and footprints allowing you to increase your supply chain security
- In addition to our own silicon devices we are able to incorporate silicon and wide band gap devices from a range of world leading suppliers

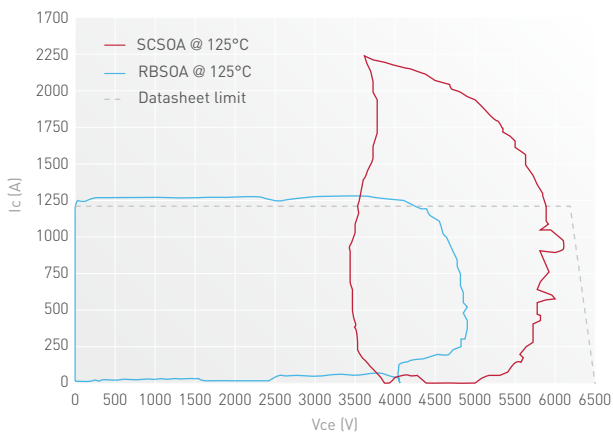


Voltage (V)	1200	1700	3300	4500	6500
Single Switch	[Bar from 1200 to 6500]				
Dual Switch	[Bar from 1200 to 3300]				
Chopper	[Bar from 1200 to 6500]				
Half Bridge				[Bar from 1700 to 3300]	
Diode Only	[Bar from 1200 to 6500]				
Bi-directional				[Bar from 1700 to 3300]	

## IGBT SOA

DIM600ASM65-T000

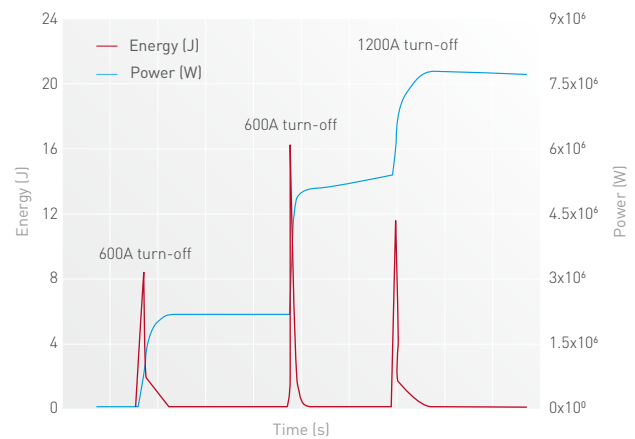
### IGBT Safe Operating Area Limit



## RBSOA E&P

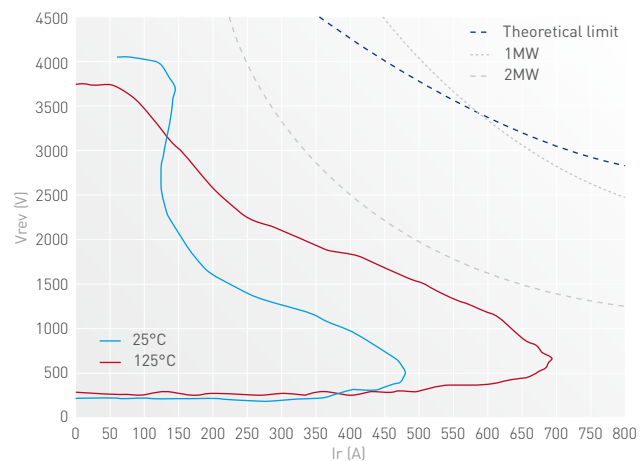
DIM600ASM65-T000

### Switching Energy to Power



## FRD SOA

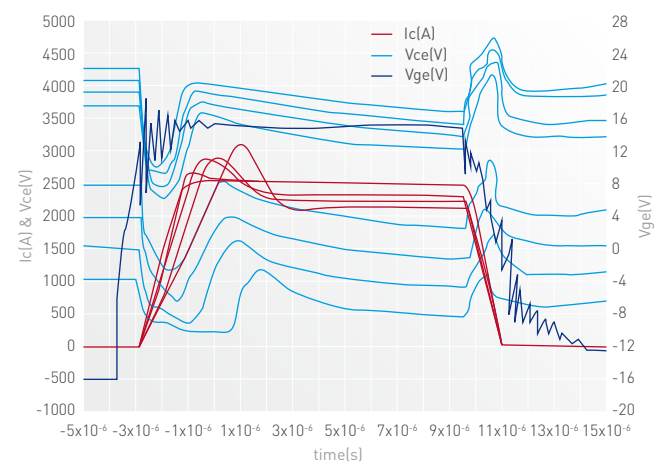
### FRD RBSOA



## SCSOA

DIM600ASM65T000 I0002000 #864 (13kV FRD)

Cge=0nF, Rgon=1R85, Rgoff=10R & Tj=125°C



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