

Product Presentation Stack

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Date: September 2006

Industrial Power
AIM PMD ID PM



Never stop thinking

Product Portfolio Bipolar Devices

Pls. click to continue

1700V
1600V
PrimeSTACK 600V



ModSTACK

Pls. click to continue

Pls. click to continue

BIP STACK and Assemblies



content

Product Portfolio PrimeSTACKS

PrimeSTACK

PrimeSTACK 2

PrimeSTACK 3

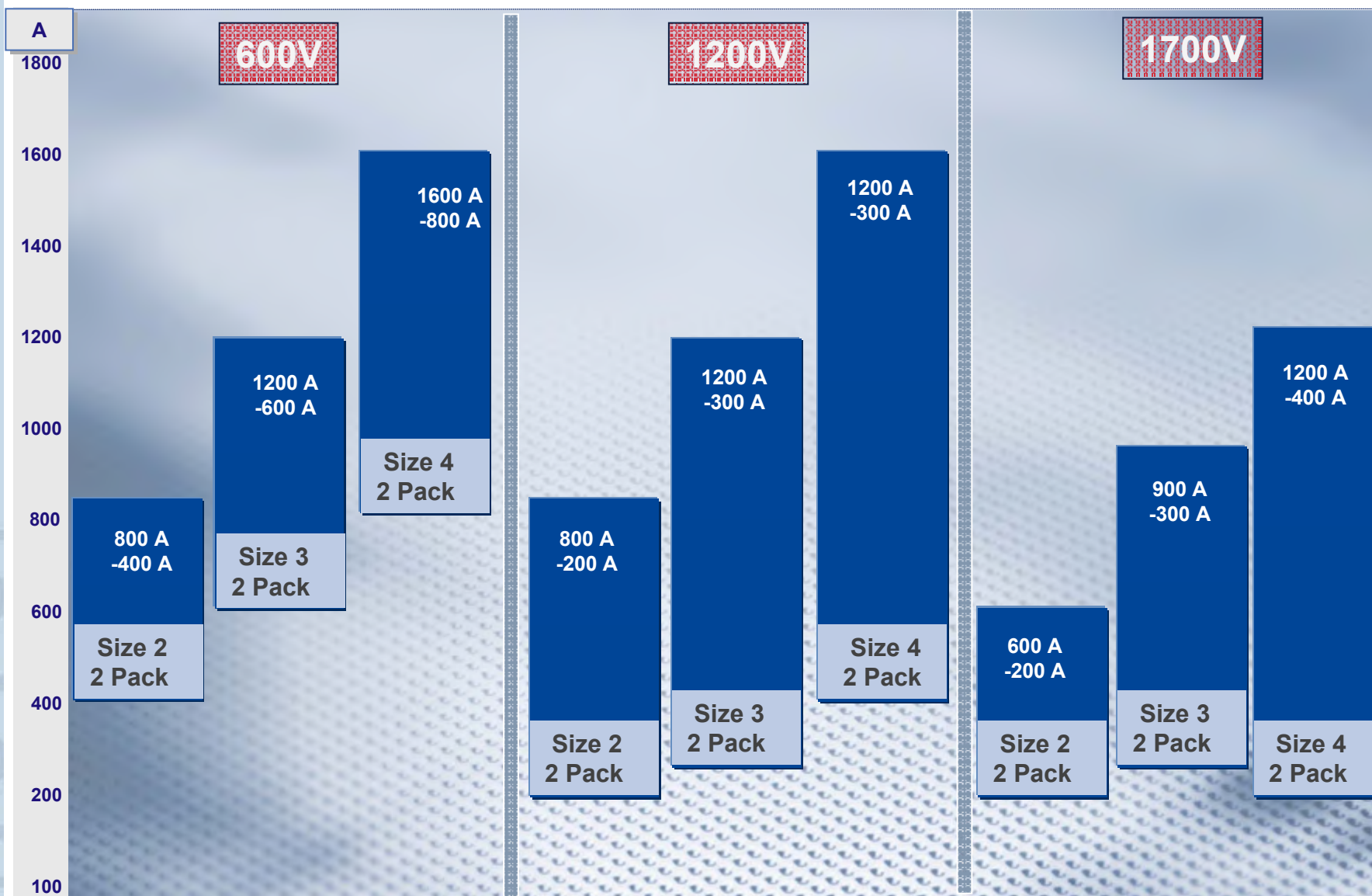
PrimeSTACK 4



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Overview PrimeSTACK 1/2B2I Configuration



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Overview PrimeSTACK B2I Configuration



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Product Portfolio ModSTACK™

ModSTACK™

MS1

MS2

MS3

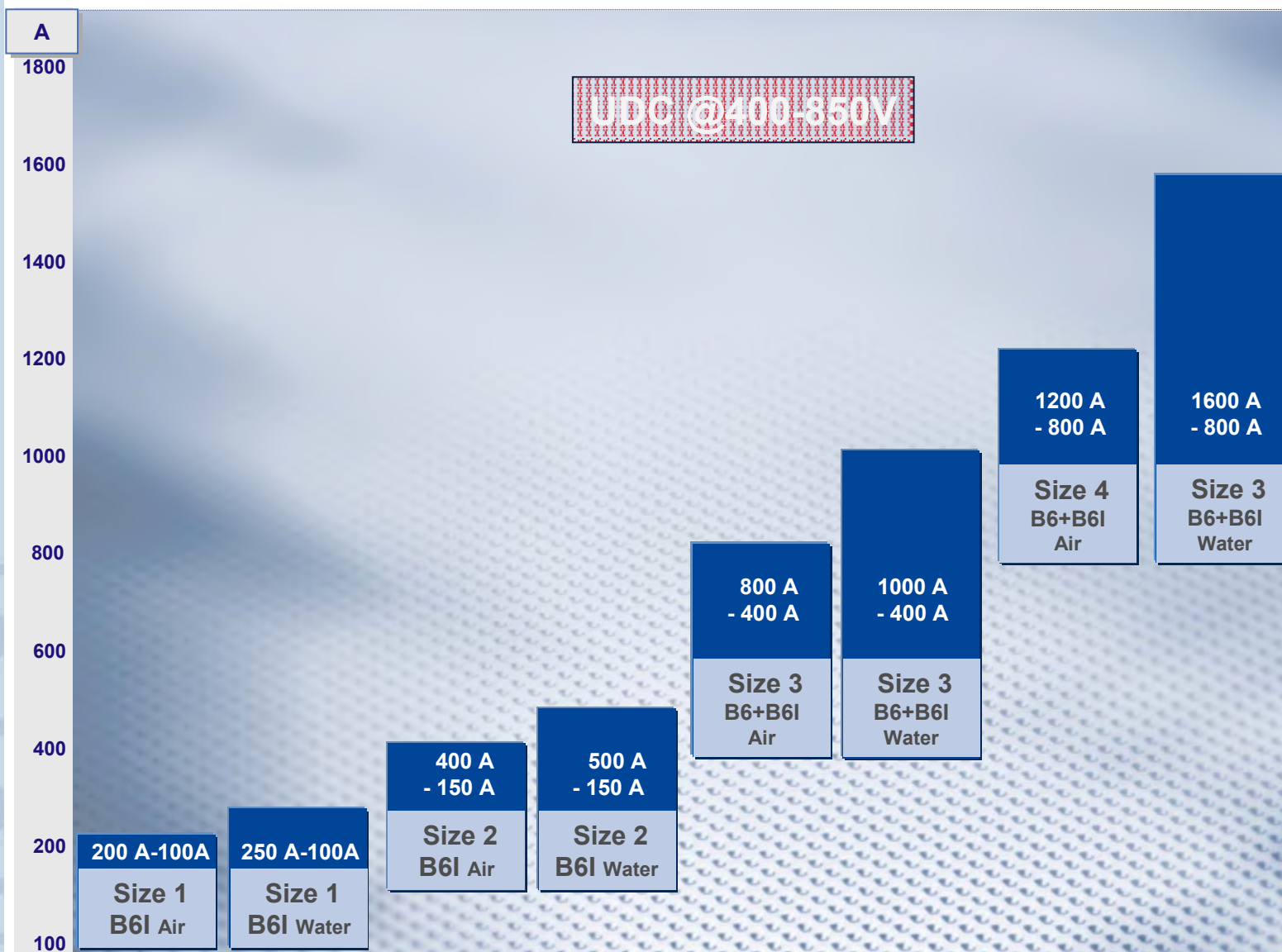
MS4



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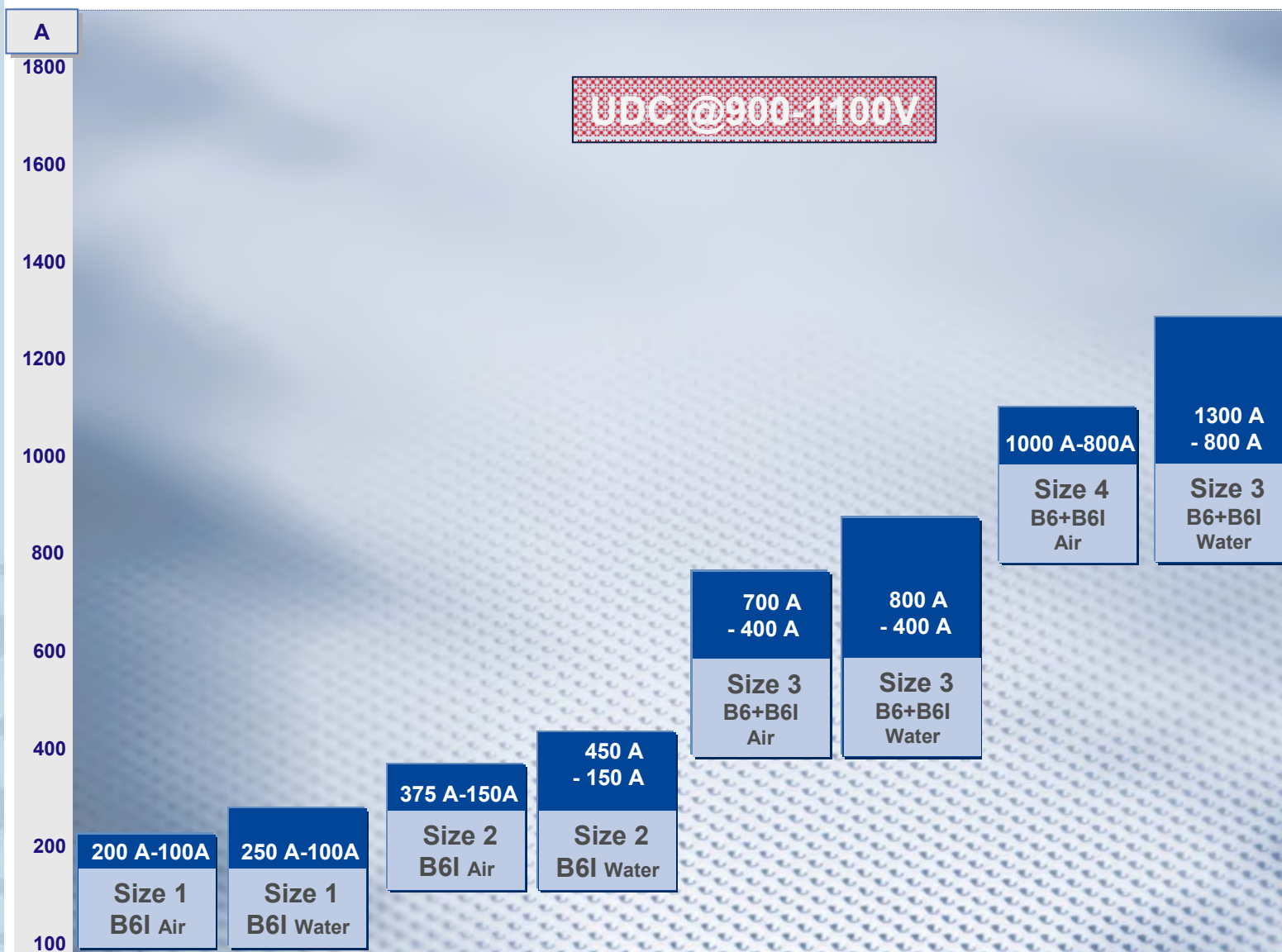
Overview ModSTACK™



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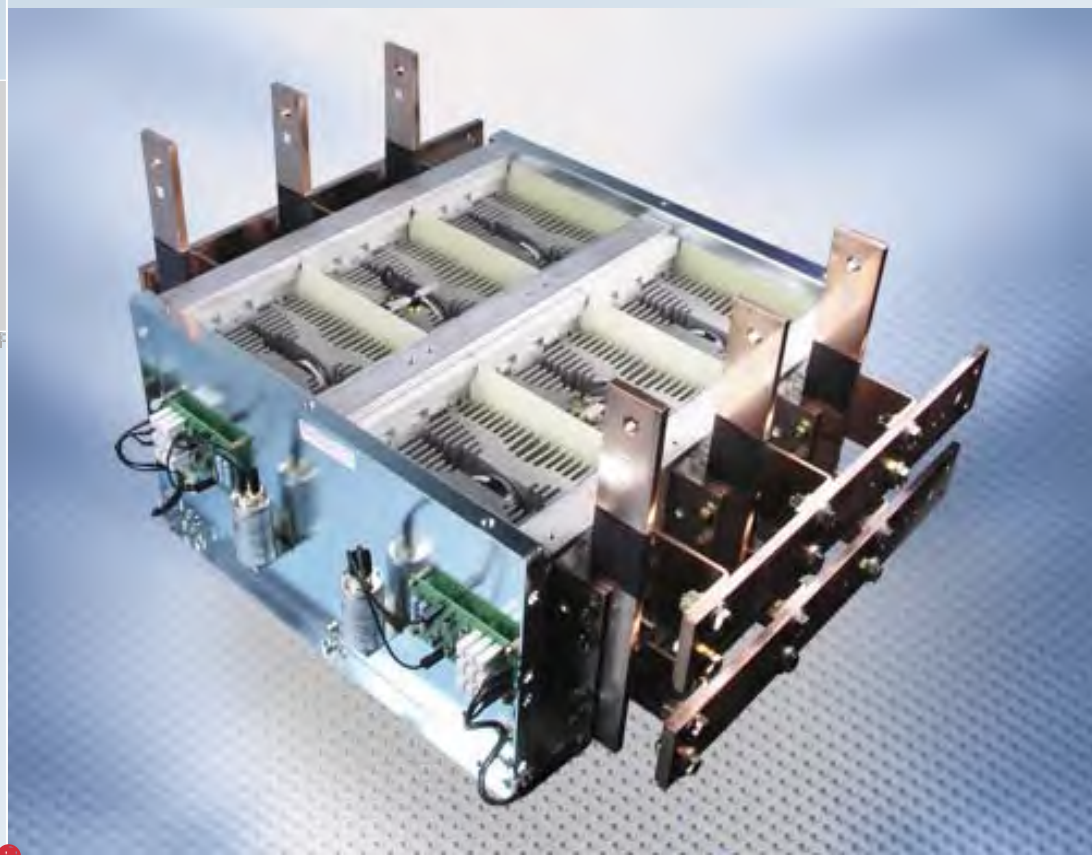
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Overview ModSTACK™


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Product Portfolio BIPSTACK & Assemblies

BIPSTACK & Assemblies



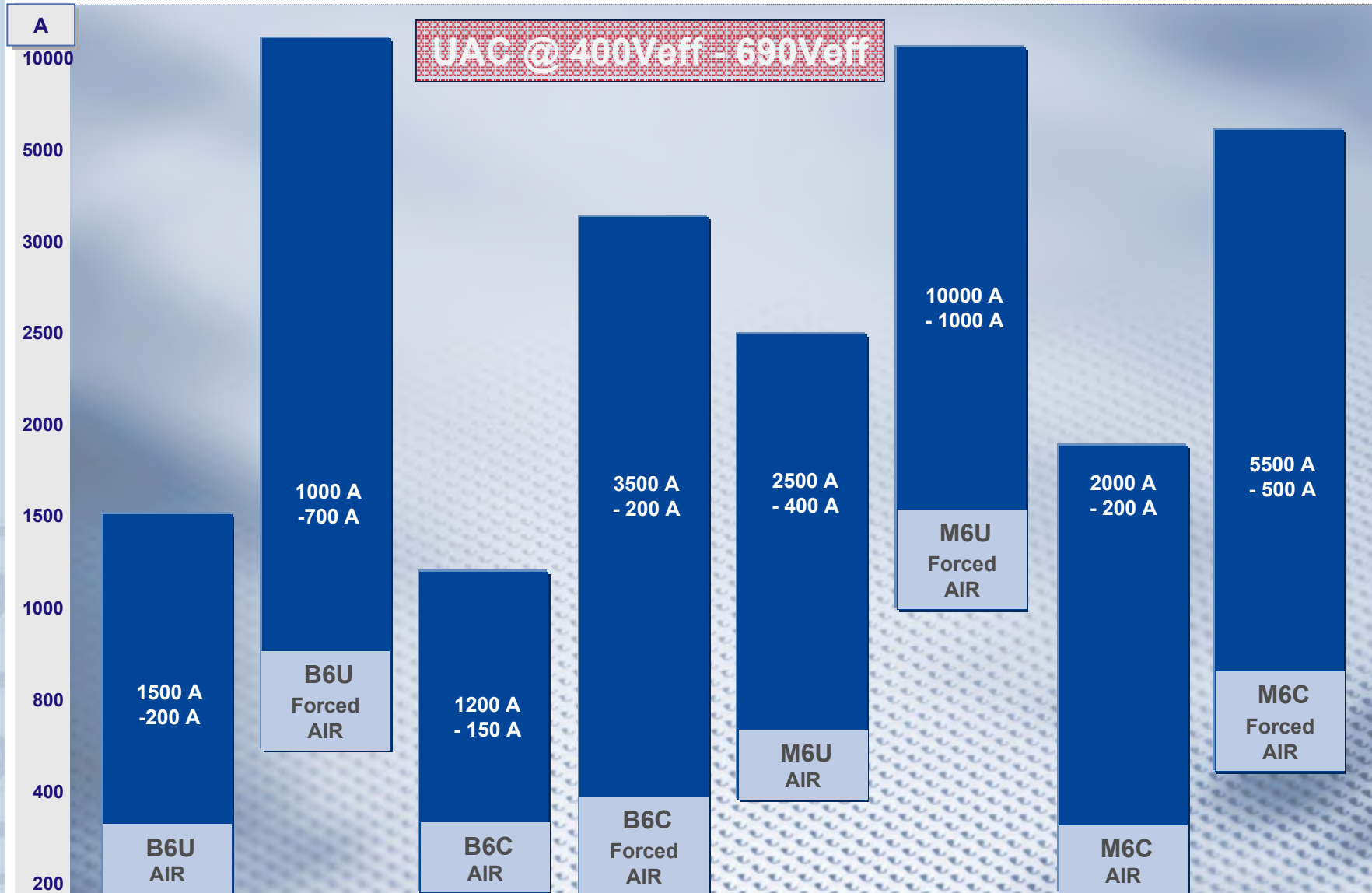
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Overview BIPSTACK

partly outlook for most important configurations



Key Applications

PrimeSTACK, ModSTACK™, BIPSTACK & Assemblies

- Renewable energies
- Industrial drives
- UPS
- Inductive heating & welding
- Elevator



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General:

- 600V, 1200V, 1700V IGBT implemented
- EiceDRIVER™ inside
- Based on 62mm standard modules
- Current sense of every output leg
- Temperature sense included
- Safe isolation of control to power
- Flexible adaptation to every heat sink high power density

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