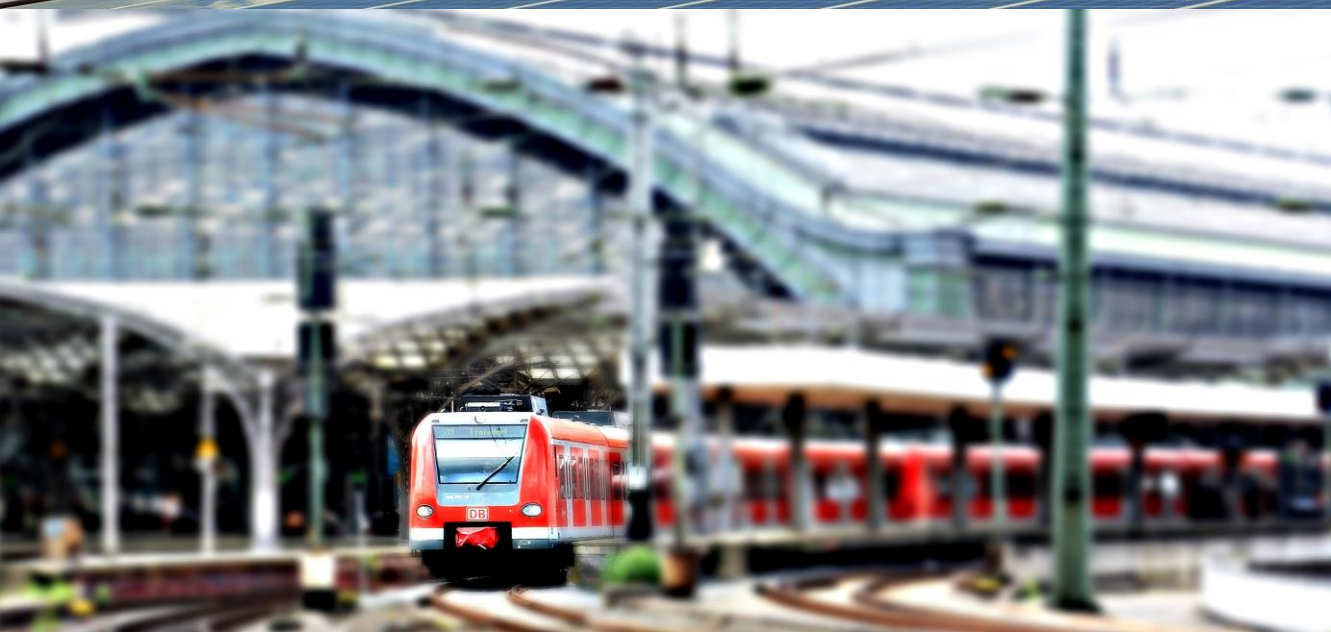


POWER CONVERTERS



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POWER CONVERTERS

SECTORS OF APPLICATION:

INDUSTRIAL

- Plating
- Aluminium – Hard/chromic anodizing
- Colouring
- Electrolysis plants



TRACTION

- Traction converters
- Battery chargers
- Auxiliary converters
- Rectifier bridges



ENERGY

- Photovoltaic system
- Wind application
- Energy storage
- Power assemblies



ENGINEERING AND MANUFACTURING OF ELECTRICAL CONVERTERS (AC/DC)

- **High current AC/DC electrical converters (rectifiers), up to 10000 A**
- **Rectifier Bridges of 6 or 12 pulses**
- **Diodes or Thyristors (SCR) solutions**
- **Compact solution with high efficiency to reduce losses**
- **Wide SCRs control range (0-100%) through digital regulator**
- **Continuous duty in heavy conditions (Class I – IEC 146-1-1)**
- **Higher capability of circuit cooling with 20% margin against standard design**
- **Air forced, Air forced to Water, Water to Water cooling systems available**
- **REC model is composed by power section, cooling section and control section**
- **Standard reference: EN 60146 (IEC 146)**

For further informations or technical support contact us at: info@prgengineering.com