

PowerRack –

The 1st scalable rectifier designed into a cabinet

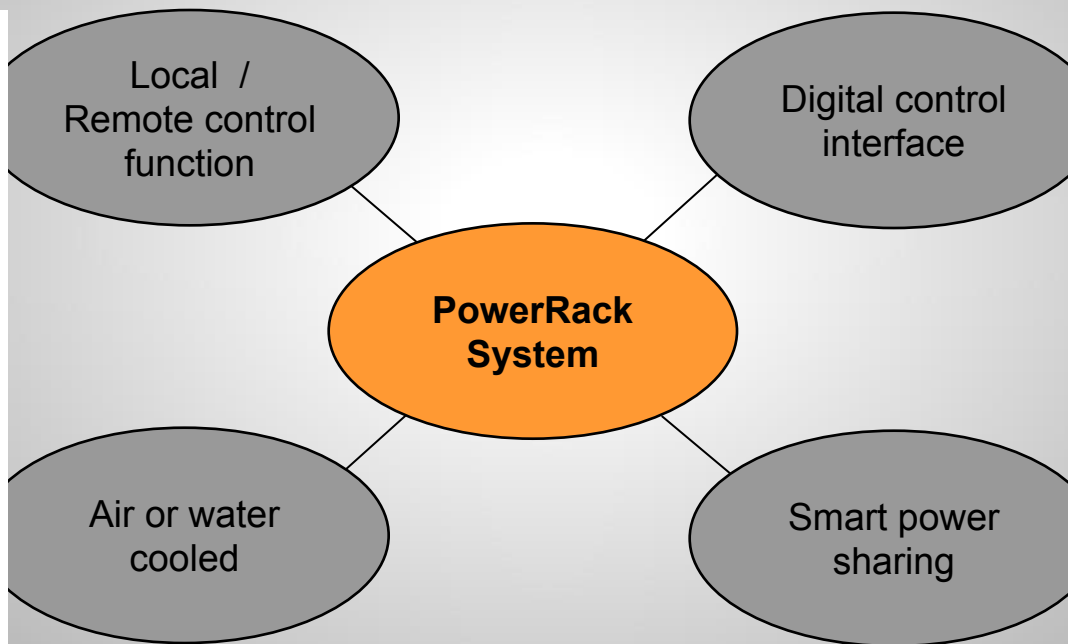
Design advantages

- Single output to the back
- Individual rectifier modules instead of stacking uncontrolled power modules
- Modular system based on a 19" rack system
- Redundant power concept available based on smart power management system
- Easy upgrade up to 125 kW
- 100 % output current at 0.1 % output voltage
- EMC filter included



PowerRack - Smart rectifier solution

PowerRack – 125 kW - less rectifier modules for more safety



PowerRack and PowerRack LT

Ranging from 16 – 150 V and 4,500 A to 12,000 A at 250 kW

Technical data:

- 16 V, 16 V, 16 V
4,500 A, 6,000 A, 7,500 A, ...
- W/D/H: 800 / 800 / 2000 mm
- Modul Design 1,500 A / 25 kW
- 3 – 5 modules per output

Design advantages:

- Modular - **Rectifier modules** instead of power modules
- Modular - Fused AC power distribution
- Modular - EMC filter for each modul
- Modular – Separate water circuits instead one for all
- Modular – Simple upgrade



PowerRack and PowerRack LT

Ranging from 10– 150 V and 4,500 A to 12,000 A at 250 kW

Design advantages

- **Powerful** - 16 V / 1,500 A – 25 kW
- **Flexible** - Voltage range 10 V – 150 V
- **Scalable** - 3 to 10 modules
- **Reliable** – Less modules less components
- **Industrial design** – Fan speed control
- Control range 0 – 100 %, rated current at 0,1 % output voltage
- One DC output tight together already
- One AC input including power distribution
- Ready to go design

