# Inverter cabinet three-phase power supply for omman railway station



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What is a propulsion inverter?
The propulsion inverter is a powerful power converter responsible for controlling the traction electrical motors. The static inverter is responsible for supplying the necessary power for the auxiliary services,which can be achieved in a vast array of possibilities.

How can a railway power supply module be expanded?
Optionally, the modules can be expanded as follows: Robust enclosure that can withstand wind, sun, salt water, dirt or dust. For any system that depends on sophisticated electronics, everything begins with the power supply. Our shared objectives are to provide a safe and accessible railway power supply solution for on-board power systems.

Which regulated dc/dc converters are best for railway applications?
For superior thermal performance,RECOMalso offers the 12W RP12-AR,20W RPA20-AW and 30W RPA30-AW series in a 1"x1" case and the 60W RPA60-FW series in a 2"x1" case. These regulated DC/DC converters with their 4:1 wide input voltage range are specially designed for railway applications.

How much power does an inverter have?
The maximum available inverter power is 500 kVA(3~) or 200 kVA (1~). Decades of use in telecommunications,railways,power stations,air traffic control,hospitals and industry speak for the high quality and reliability. Inverter plug-in modules are available for smaller outputs (see brochure).

To minimize the harmonic distortion the PD rectifier consists of two diode bridges connected in series or in parallel. Both bridges are prepared to be supplied from the two secondary ...

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