

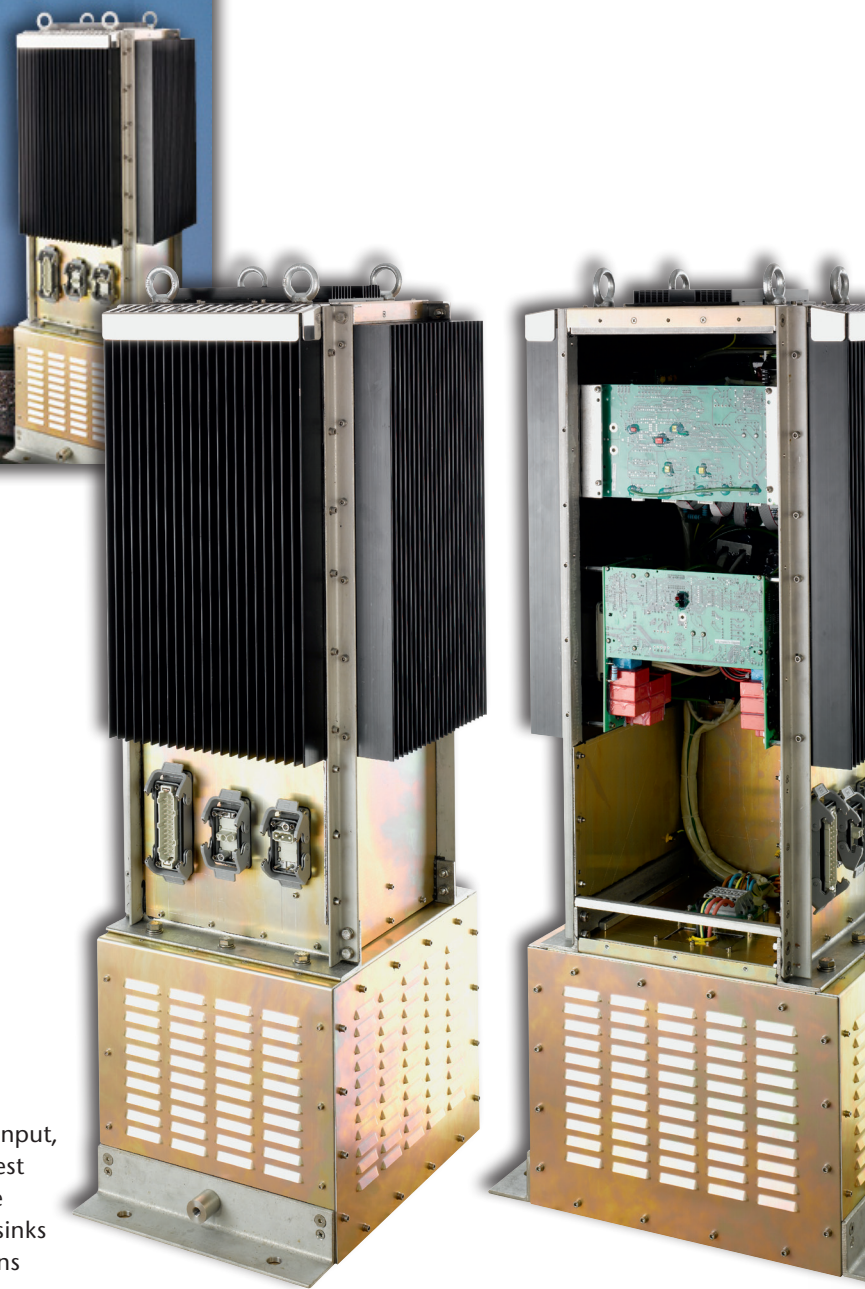
## 8kVA rolling stock mounted inverter for on-board power system

Rail Industry



The locomotive driver's infrastructure of Australian freight trains is supplied by this 8kVA on-board inverter system. Australian rolling stocks are subjected to some of the harshest conditions worldwide. Therefore SCHAEFER provides with this power supply system a more convenient, more consistent and more reliable solution for charging the power system within these freight trains. In this case the SCHAEFER client profits from these engineering skills through an optimized solution tailored to the needs and parameters of the project:

- 8kVA / 230V AC / 50Hz inverter for supplying the on board AC loads
- Impervious to both impulses and spikes across the input, this module delivers the full output range with a crest factor of 3, up to +75°C environmental temperature
- Adequately cooled through external mounted heatsinks
- Designed and manufactures for Australian conditions
- Suitable for complex load
- Extensive external tests ensure a high degree of shock & vibration protection, EMC, environmental conditions and humidity
- IP66
- No vent holes within the module, therefore high degree of protection against dust, moisture and pollution ingress
- Client specific interface connection
- Anchored to the RAIL Car floor
- 600mm × 600mm foot print



The picture shows the delivery of the final freight train.