Enedo OPUS Power Systems Certified for Rail Track side applications

Rail

MHE Rectifiers

DAC60000 Inverters

VIDI2 Controller
UIF Display

Enedo OPUS DC and AC power system modules are now compliant with harmonized European standards for Rail track side applications. MHE Rectifiers, DAC60000 inverters and VIDI2 controller platform has been tested and certified in TÜV SÜD Rail GmbH laboratory.

Rail Certification includes following standards:

Electromagnetic Compatibility, Railway applications:

- EN 50121-4: Electromagnetic compatibility - Signaling and telecommunications apparatus
- EN 50121-5: Electromagnetic compatibility - Fixed power supply installations and apparatus

Electrical Safety, Railway applications

- EN 50124-1: Insulation coordination, Clearances and creepage distances
- EN50155: Electronic equipment used on rolling stock
- EN50153: Rolling stock – Protective provisions relating to electrical hazards

EN45545 Fire protection on railway vehicles (MHE & VIDI2)

“TÜV Certifications gives clear evidence of the compatibility for demanding rail, metro and tunnel applications. Enedo certified power modules with fan-free modular technology are offering superior backup power reliability and robustness for 15-20 years life span of rail signaling or rail substation equipment”, says Tuomo Räsänen, Business Development, Power Systems

A long-term backup power solution, global certifications

The lifecycle of the Enedo power system modules is expected to continue until year 2035 or longer. On top of rail certifications systems are CB certified and modules have CE and EAC marking. Additionally MHE rectifiers have UL and CSA marking. Enedo Power Systems offer the lowest total cost of ownership (TCO) during the 15-20 year life time of the industrial backup power system.

η 97 %