



Powernet 12kW Rooftop Charger/PSU and TRDP at Innotrans 2018

At Innotrans 2018 Powernet will show the new IP65 housed BHC Battery Management System/PSU for rolling stock applications and introduce TRDP, the future of Rail communication. ADC9000-series modules for auxiliary power needs in the 500-3200W range will also be on display.

Introducing the 12,8kW IP65 BHC9640-system containing 4 ADC9000 3kW modules. The new rooftop system is closely integrated with the train management system and displays extra-ordinary high efficiency and flexibility over the whole power range as the system controller optimizes the usage of the internal switching mode power supply modules independently. The IP65 housed BHC-system family is a further development of the rack mounted BCS-system family available in power range 6,4 – 12,8kW.

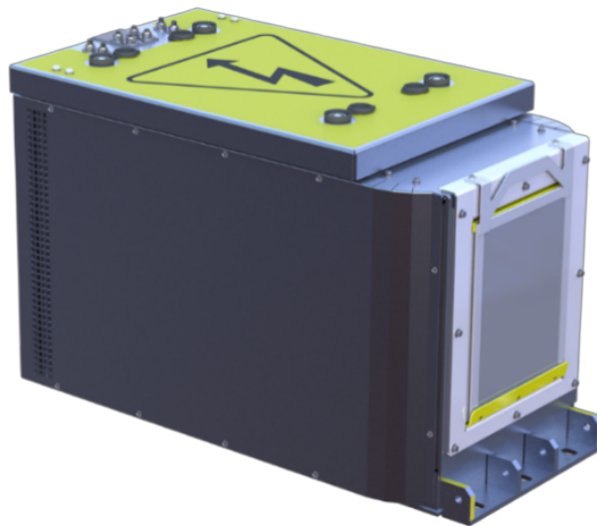
TRDP = Train Real Time Data Protocol is the foundation for all future communication in Rail industry, enabling Industrial Internet of Things and the smart Train in the Rail Industry. Powernet showcases TRDP on the Innotrans exhibition.

– “The new BHC-system is a top-of-the-line solution for Rooftop installations that combines a modular system with the high-level functionality of a deeply integrated Battery Management System in the Train.

Powernet is excited to be an early adopter and support TRDP as a communication option in all new projects according to customer need.

Also, our popular ADC9000 series offers a broad portfolio of modules for auxiliary power supply needs in the range of 500-3200W. The small and light power modules are available as converters, power supplies and battery chargers.

We look forward to a busy week at Innotrans and invite all existing and new customers to visit us!”, says **Harry Lilja**, VP Sales and Marketing at Powernet Oy.



BHC9640 – 12kW IP65 Rooftop system solution, based on multiple ADC9000 3kW modules, with battery management system and CAN Bus or TRDP-connectivity to be integrated with the TMS.

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