



ON-BOARD CONVERTER KIEPE BNU 600

COMPACT AND POWERFUL ON-BOARD POWER SUPPLY FOR TRAMCARS AND LIGHT RAIL VEHICLES

Reference: T-Car, Vienna

- Weight-optimised on-board converter with integrated power modules for AC and DC on-board power supply systems
- Highly dynamic converter control
- Web-based system diagnosis
- Integrated emergency start device
- Broad temperature range (-40 °C to +45 °C)



KIEPE ELECTRIC

Technical Data

Electrical data

Electrical data	
Nominal voltage	DC 600 V / 750 V
Operating range	DC 400 V – 1000 V

AC output	
Nominal voltage	3/N AC 400 V / 230 V (max. AC 480 V / 277 V)
Frequency	50 Hz 1 Hz (max. Frequenz: 100 Hz)
Nominal power	27 kVA, $\cos\phi = 0,85$
Harmonic factor	< 8 %

DC output	
Nominal voltage	DC 24 V
Max. current	270 A
Max. nominal power	8,1 kW at 30 V

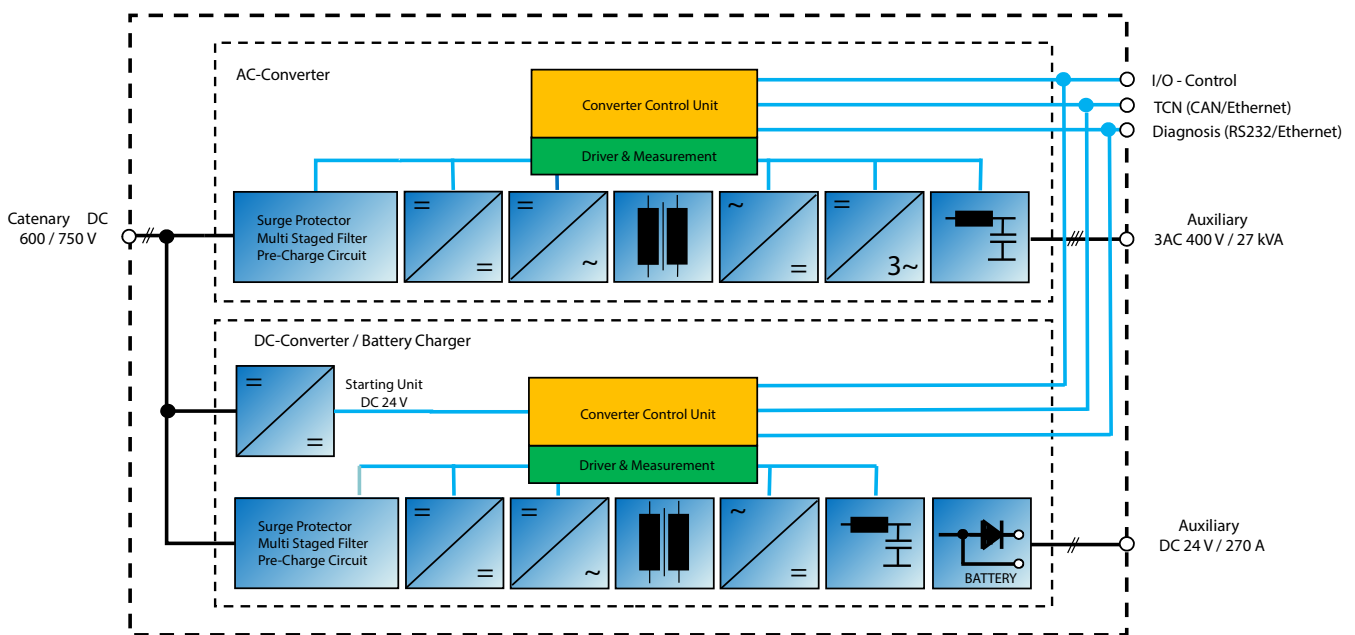
Mechanical data

Dimensions (length x width x height)	1243 mm x 927 mm x 430 mm (without clamping shoes)
Weight	154.2 kg
Place of installation	Roof of vehicle
Cooling	Forced air cooling
Degree of protection	IP 55
Temperature range	-40 °C to +45 °C

Subject to modifications

Achtung hier anders als im DE Teil

Block Diagram



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