

JN 600/400/24

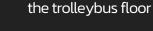
AUXILIARY CONVERTER



Static auxiliary converter

4

Design for installation under





Modular system

Auxiliary converter JN 600/400/24 is a static auxiliary converter design for installation under the trolleybus floor. Three-phase AC voltage 3 x 400 V allows to connect variety of appliances. Auxiliary converter also provides on-board battery charging and power appliances with nominal voltage of 24 V.

Technical specification

Input:	
Nominal input voltage	
Nominal input current	
Maximal input current	

600 V DC	
42 A	
72 A	

Output 1:

Output 1 consists of a three-ph	ase inverter with constant
frequency and a separating transform	ner.
Maximal three-phase power	18 kW / 60 sek.
Galvanic output separation	
from supplying voltage	yes

Output 2:

The second output is the battery-charger DC-output which supplies power to the electric devices of the 24V DC-board network, and charges batteries with the temperature-based voltage regulation.

Maximal total output current	300 A
Maximal power	9 kW
Galvanic output separation	
from supplying voltage	yes

Other data: Covering

Weight

Cooling

Dimensions (W x H x D) mm

IP54 electronic circuits
IP21 magnetic circuits
air, natural
1308 x 645 x 440
381 kg

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