



JN 600/400/24

AUXILIARY CONVERTER



Static auxiliary converter



Design for installation under the trolleybus floor



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	600 V DC
Nominal input current	42 A
Maximal input current	72 A

Output 1:

Output 1 consists of a three-phase inverter with constant frequency and a separating transformer.

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	IP54 electronic circuits IP21 magnetic circuits
Cooling	air, natural
Dimensions (W x H x D) mm	1308 x 645 x 440
Weight	381 kg