

STUDER 48V Low Frequency Inverter

Inverter / Omvormer | STUDER | AJ400-48



Across fixed and mobile DC power systems where re-installation is impractical, low-frequency technology offers superior robustness and surge handling. This ensures consistent power for comfort and functionality in demanding automotive, caravan, camper, and marine applications.

Features

- Delivers reliable 230V AC power from a 48V DC system, ensuring your essential equipment remains operational in mobile and off-grid setups.
- Engineered for demanding automotive, caravan, camper, and marine applications, providing consistent power for comfort and functionality.
- Low-frequency technology offers superior robustness and surge handling, ideal for loads with high inrush currents.
- Compact and lightweight design facilitates straightforward installation in space-constrained vehicles and vessels.

CONTINUOUS POWER	NOMINAL OUTPUT VOLTAGE	WEIGHT
320 W	230 V	2,6 kg

Technical Specifications

Input		Output	
Nominal Input Voltage	48 V DC	Nominal Output Voltage	230 V AC
Power		Physical Specifications	
Continuous Power	320 W	Length	142 mm
		Width	163 mm
		Height	84 mm
		Weight	2,6 kg

Regulatory Compliance

CE Standards: EN 62109-1, EN 62109-2, EN 55011
Regulatory: CE

Product Identification

Item Code: **AJ400-48**
Manufacturer Code: **AJ400-48**
Model: **AJ400-48**