

STUDER 48V Inverter-Charger

Inverter / Omvormer | STUDER | NXT3.STI



Bi-directional power flow allows simultaneous 48V DC to 230V AC conversion and battery charging, ensuring continuity for sensitive electronics in mobile/off-grid systems. The integrated inverter-charger simplifies installation and maximizes space in caravan, camper, and marine power setups.

Features

- Delivers reliable 48V DC to 230V AC power conversion, ensuring your sensitive electronics operate flawlessly in mobile environments.
- Engineered for automotive, caravan, camper, and marine applications, providing dependable power on the go.
- Combines inverter and charger functions in one unit, simplifying installation and maximizing space in your power system.
- Robust 72kg build ensures durability and long-term performance even in demanding mobile conditions.

CONTINUOUS POWER	NOMINAL OUTPUT VOLTAGE	EFFICIENCY	WEIGHT
15.000 W	400 V	97 %	72 kg

Technical Specifications

Input		Output	
Nominal Input Voltage	48 V DC	Nominal Output Voltage	400 V AC
Input Voltage Min	36 V	Output Frequency	50 Hz
Input Voltage Max	68 V	Waveform	PURE_SINE
Power		Physical Specifications	
Continuous Power	15.000 W	Length	760 mm
Efficiency	97 %	Width	450 mm
		Height	320 mm
		Weight	72 kg

Regulatory Compliance



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

Product Identification

Item Code: NXT3.STI
Manufacturer Code: NXT3.STI
Model: NXT3.STI