



STUDER next3 Three-Phase Hybrid Inverter User Guide

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STUDER next3 Three-Phase Hybrid Inverter



Introduction

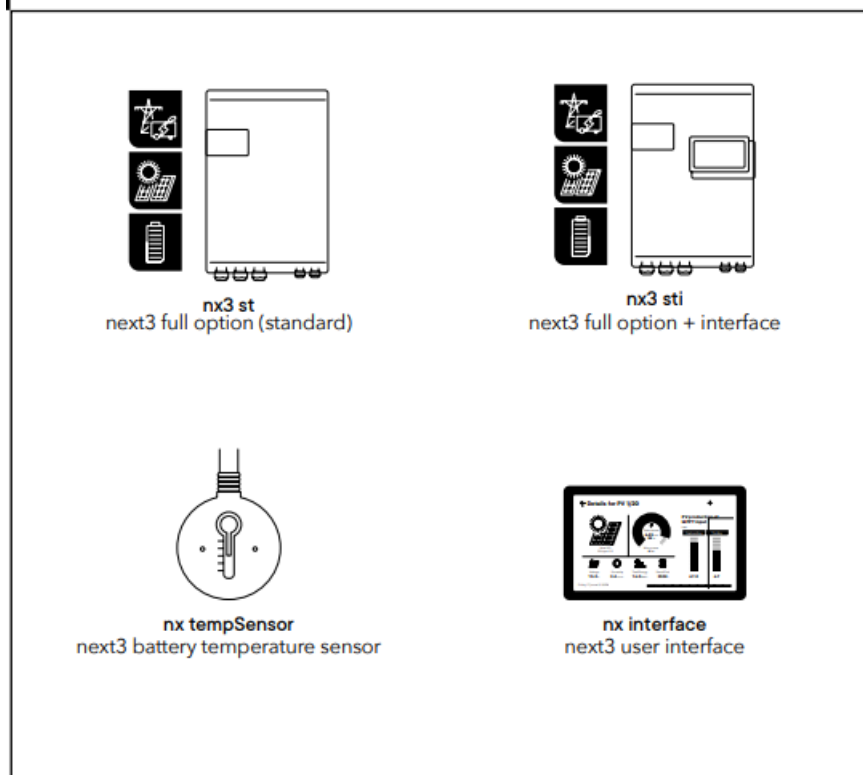
You are about to install and use a high-end equipment that will play a central role in the energy management of your battery-based system. The next3 is the first device of our new generation of smart battery inverter/charger with advanced functions. This next3 has been designed, manufactured, assembled and tested in our factory in Switzerland. It has a 6-year warranty and is eligible for an extension 6+6, under the studercare+ program (not yet available, check with your studer representative for further information).

General Information

Exclusion of liability

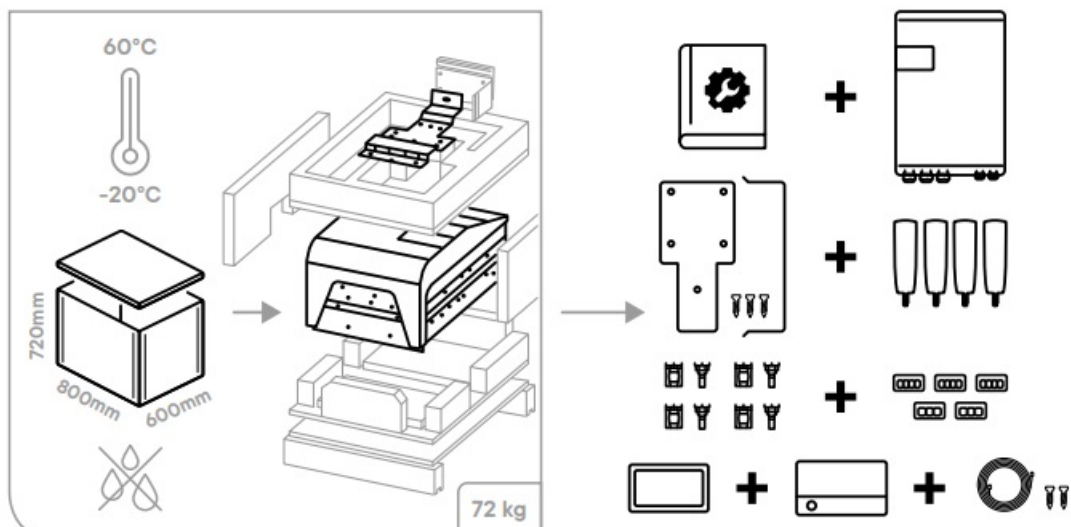
Stüder disclaims all responsibility and liability for damage, costs or losses resulting from an installation that does not comply with the instructions, a faulty operation or inadequate maintenance. The use of studer equipment is in any case under the responsibility of the customer.

Options & accessories

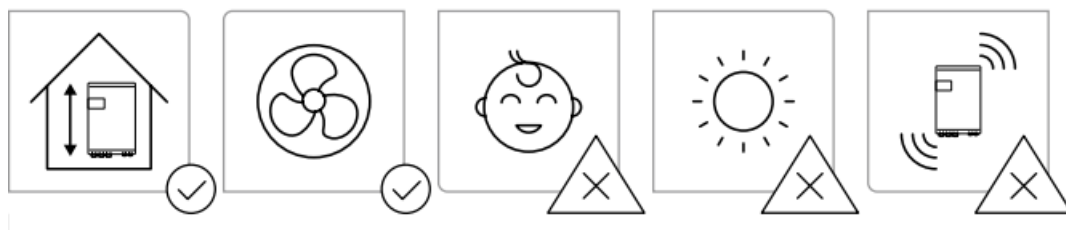


Mounting and installation

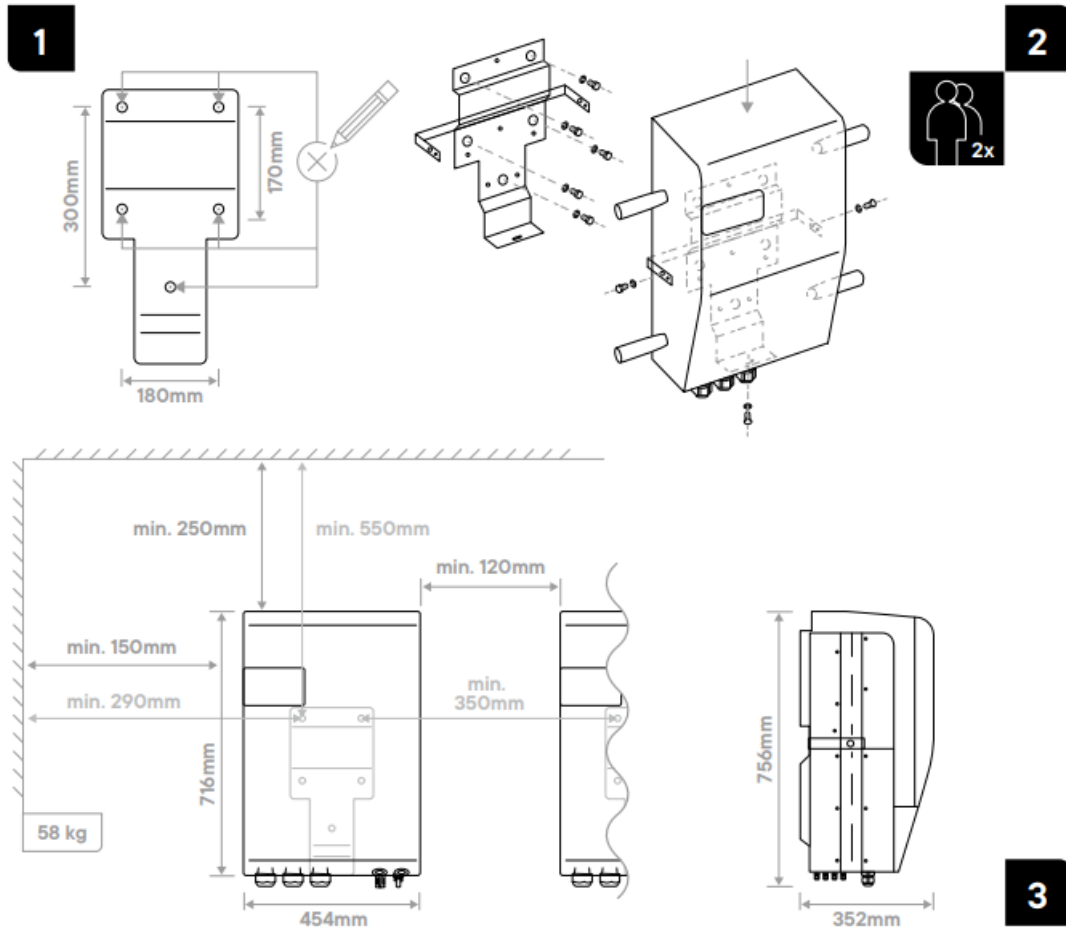
Storage and content



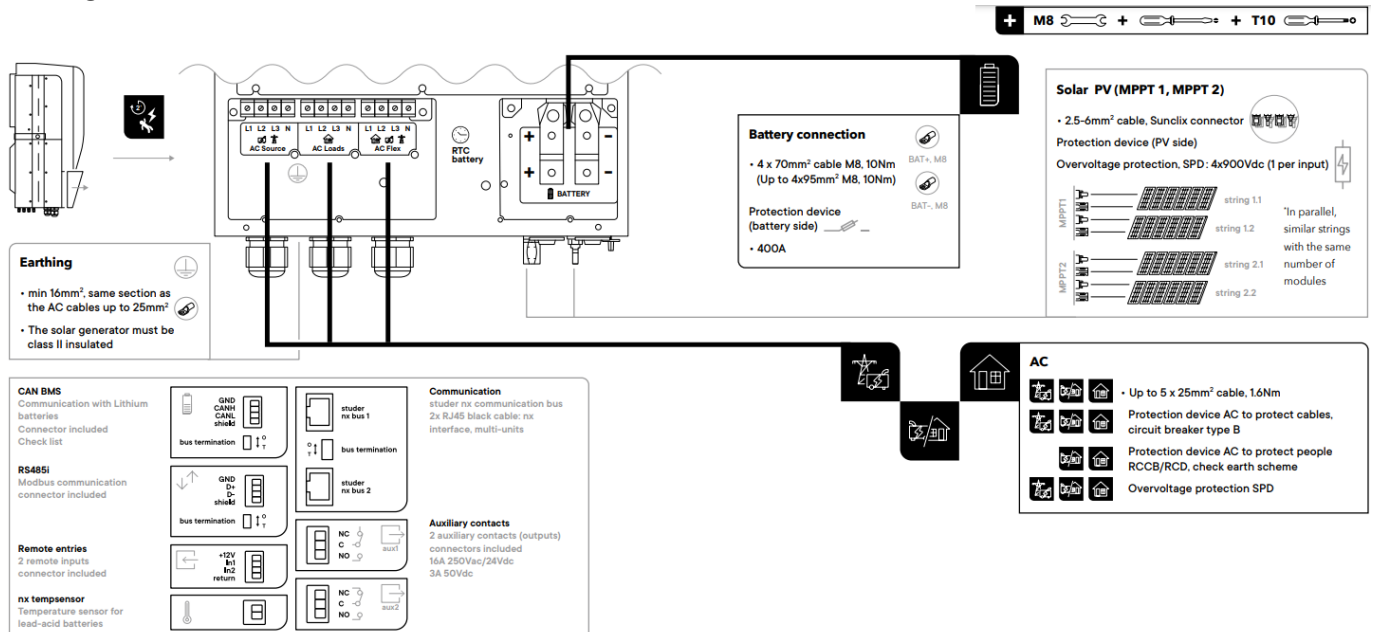
Mounting place



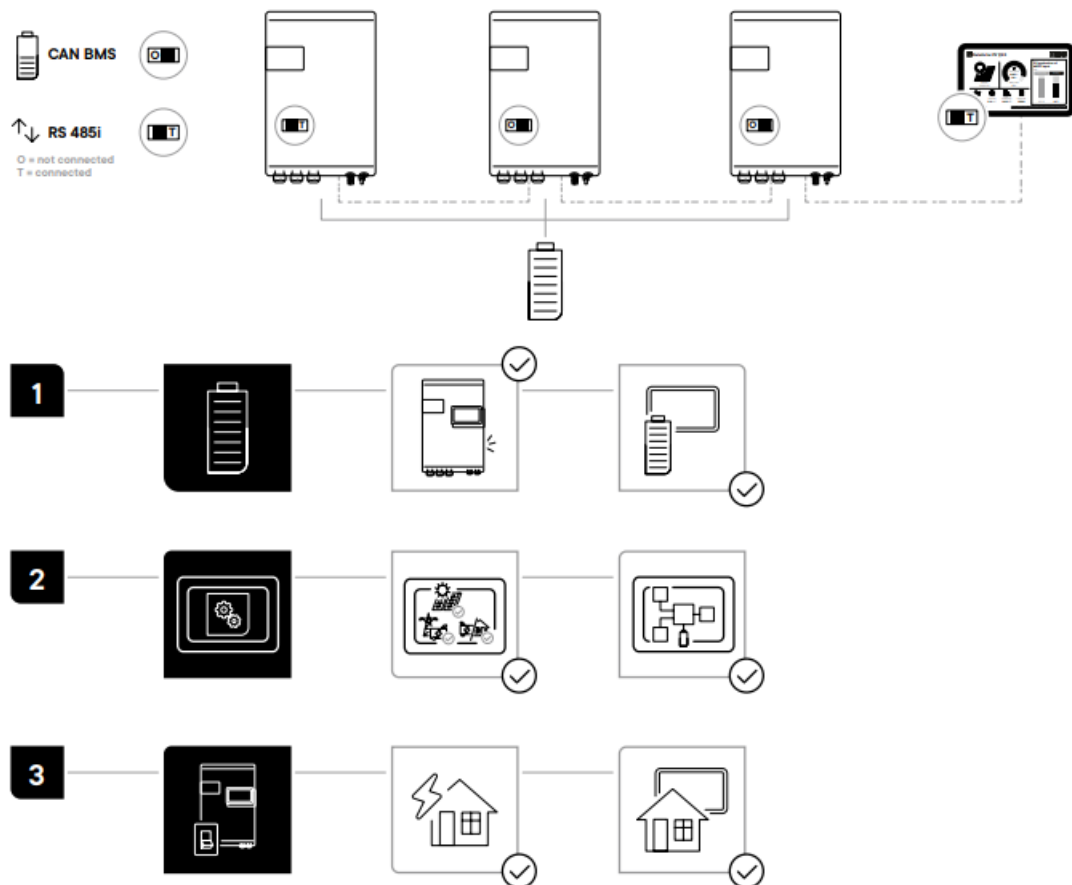
Fixing and dimensions



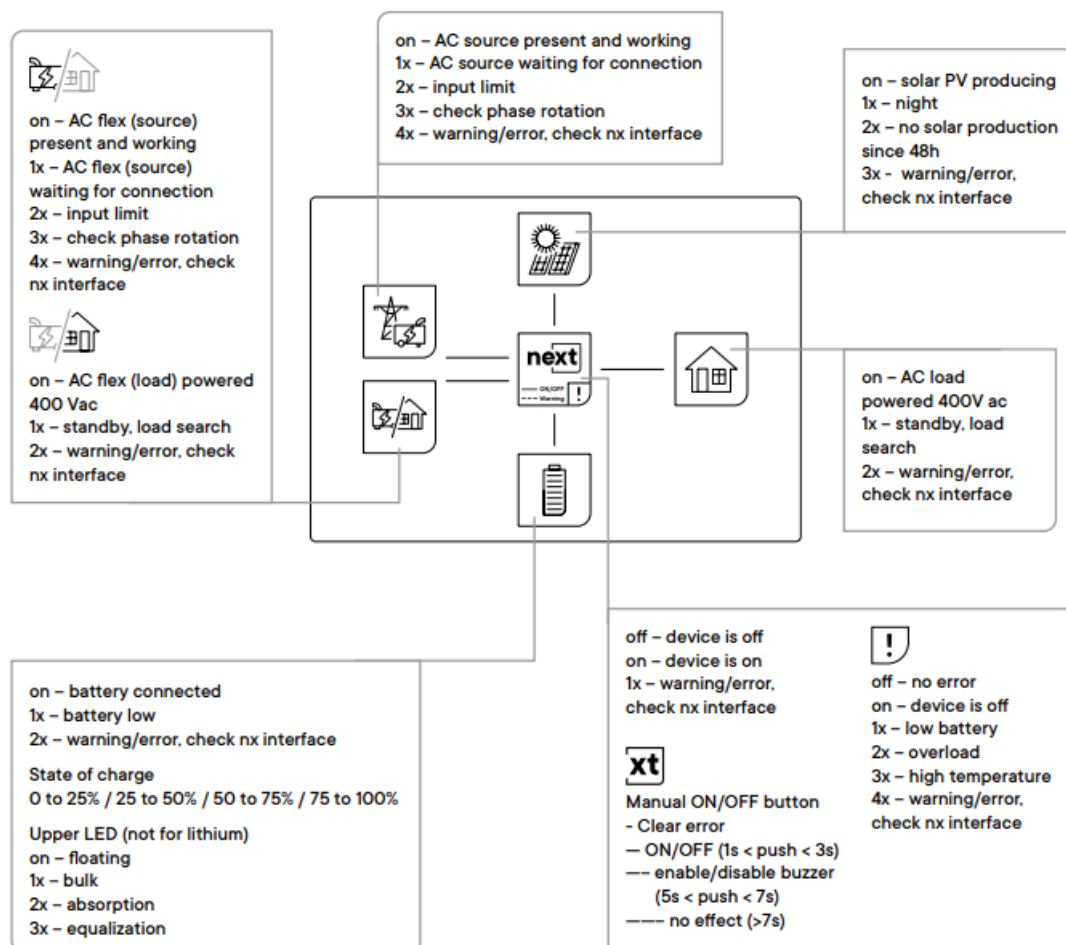
Wiring



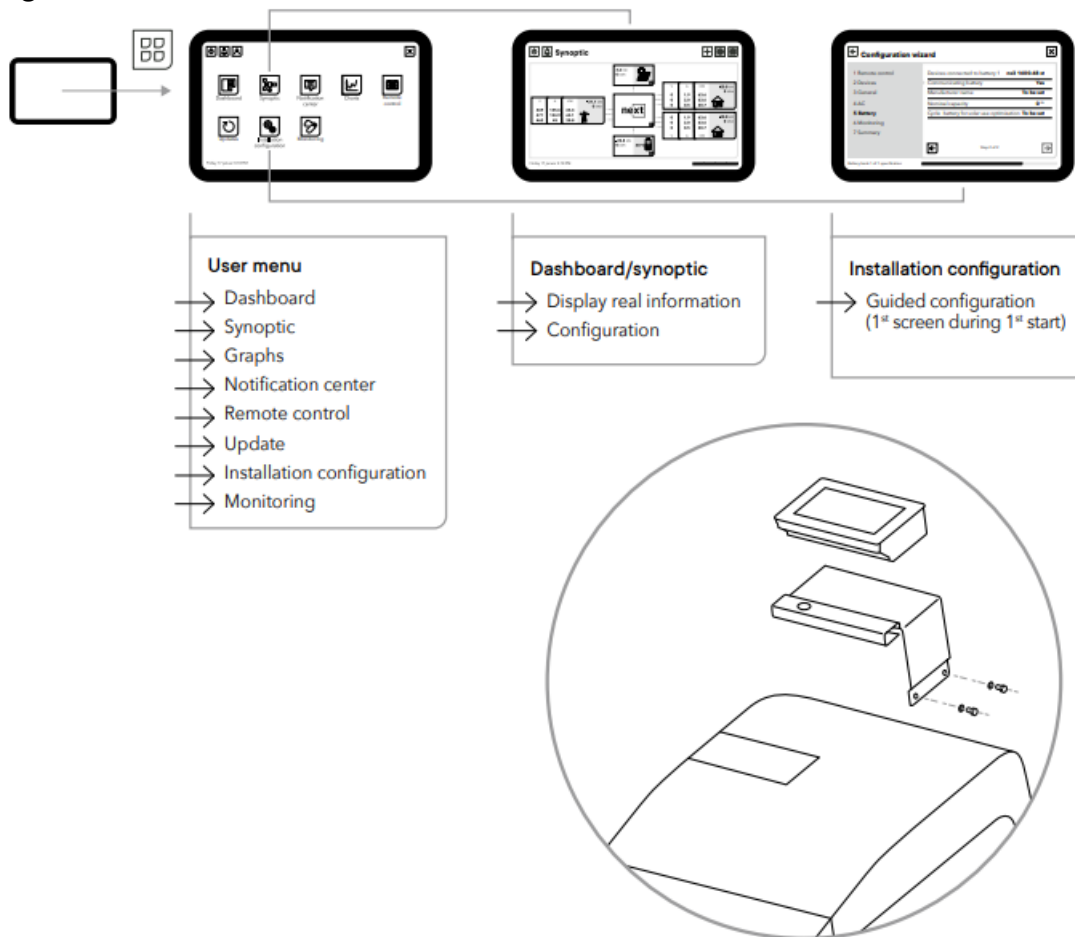
Communication and power up



Display

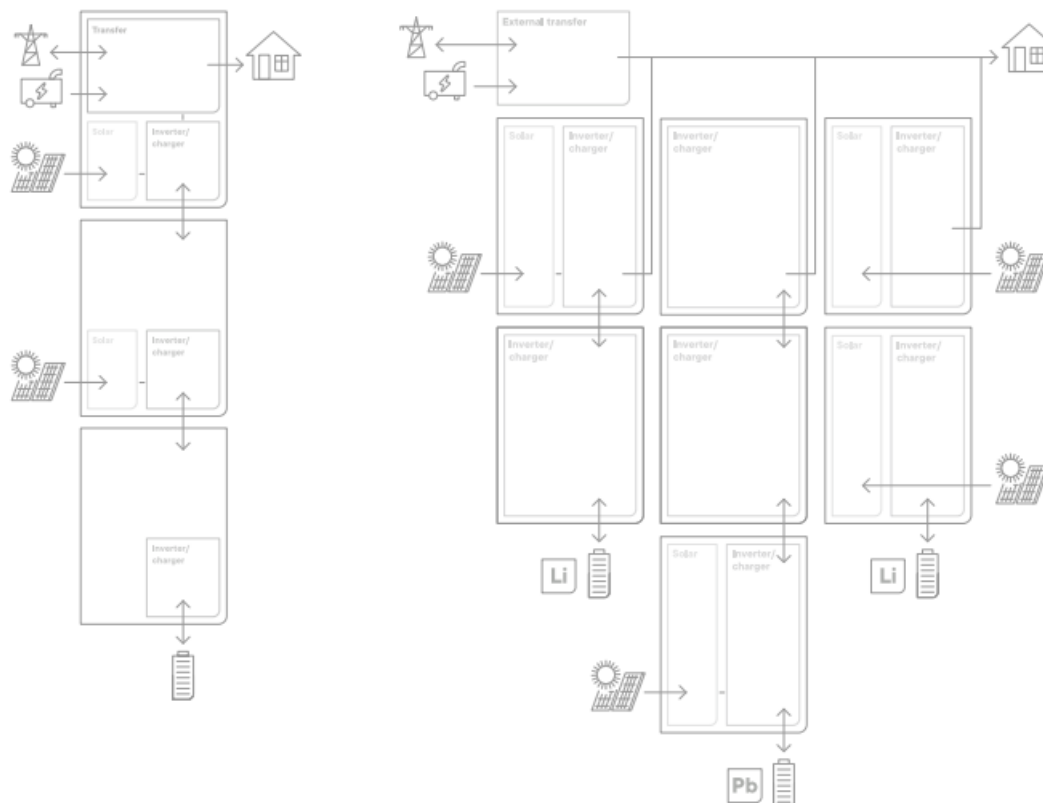


Configuring the next



Multi units

3 phase and parallel combination (not yet available)



Technical data

inverter	nx3 16000-48 st
Continuous Power	15000 VA
Power 30min	16000 VA
Power 5sec	30000 VA
AC output voltage	230V Phase to Neutral / 400V Phase to Phase
AC output frequency	50/60Hz
solar	
Solar MPPT inputs	2
PV input voltage	100 – 900 Vdc
PV input startup voltage	350 Vdc
PV max current	2 x 27 Adc
PV power	2 x 8 kW
transfer	
Max rated current	3 x 80 Aac
Phase to neutral voltage	230 Vac
Phase to phase voltage	400 Vac
Frequency	50/60 Hz

IP 30
Protection Class I
CE

Battery nominal voltage
48Vdc (38-68Vdc)

Battery charge current
300 Adc

Maintenance and recycling

Except for the periodic check of the connections (tightening, general condition), the next does not require any particular maintenance. To dispose of this product, please use the service for the collection of electrical waste and observe all obligations in force in the place of purchase.



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Documents / Resources

[STUDER next3 Three-Phase Hybrid Inverter](#) [pdf] User Guide
next3, Three-Phase Hybrid Inverter, Hybrid Inverter, Three-Phase Inverter, Inverter, next3 Inverter

References

-  [Testseite für grautvornix.de](#)
-  [Assistance | STUDER](#)

Manuals+.