
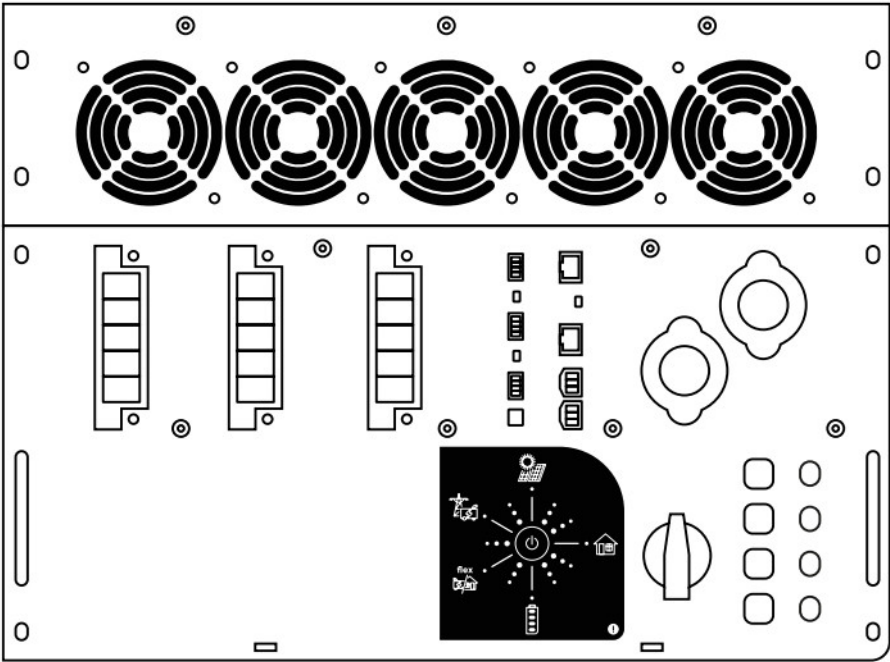


STUDER next 3 rack next3 Device User Guide

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next 3 rack next3 Device
User Guide



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next 3 rack next3 Device

 swiss made power

 designed and assembled by studer in Switzerland



6 + 6 *

* The studercare+ program allows to extend the warranty 6 additional years along with further features.

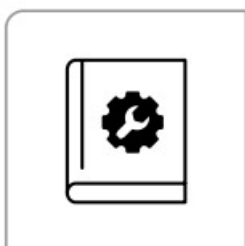
Introduction

Congratulations!

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





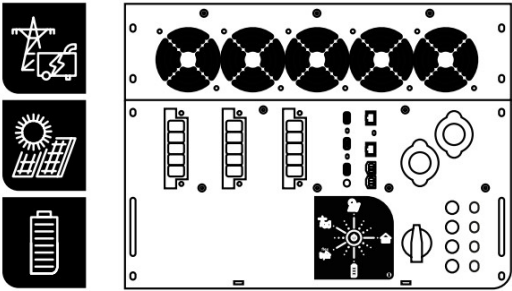
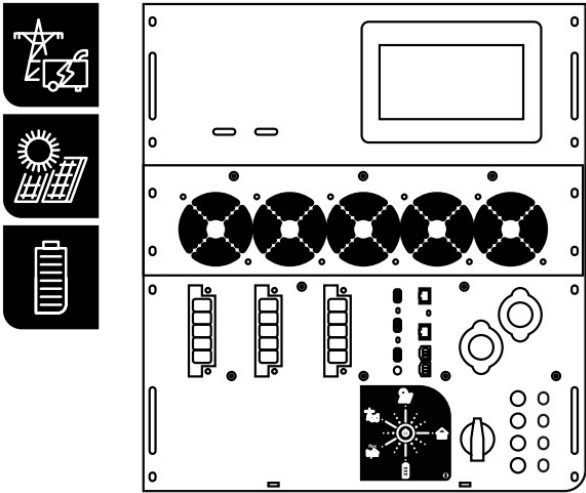
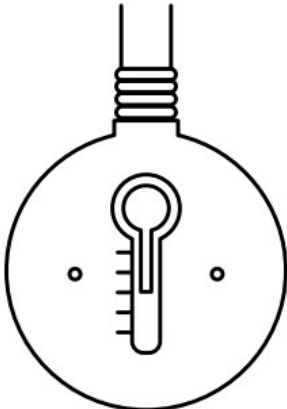
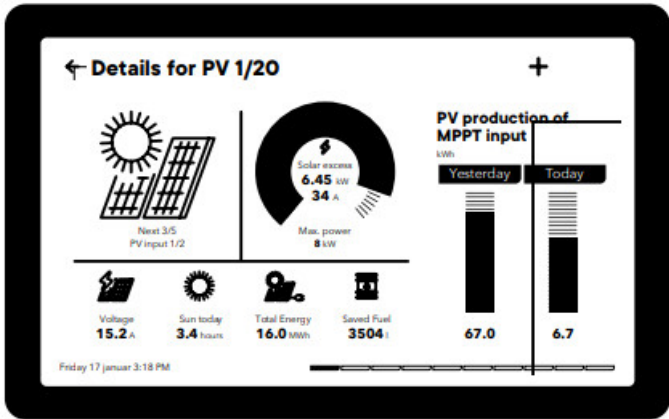
<https://technext3.studer-innotec.com>

Exclusion of liability

Studer 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.

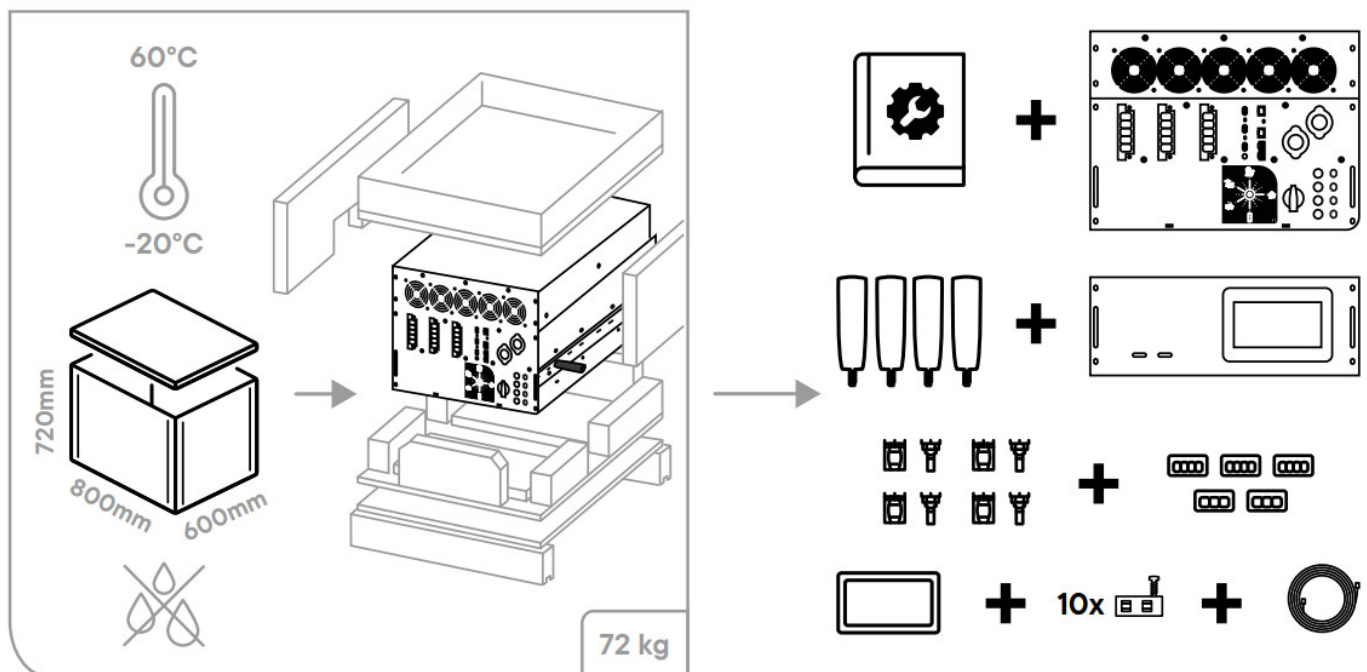
Read carefully the safety and operation instructions / Installation must be entrusted to qualified personnel / Check the user manual online / Need help?

Options & accessories:

 <p>nx3 rack st next3 full option (standard)</p>	 <p>nx3 rack sti next3 full option + interface</p>
 <p>nx tempSensor next3 battery temperature sensor</p>	 <p>nx interface next3 user interface</p>

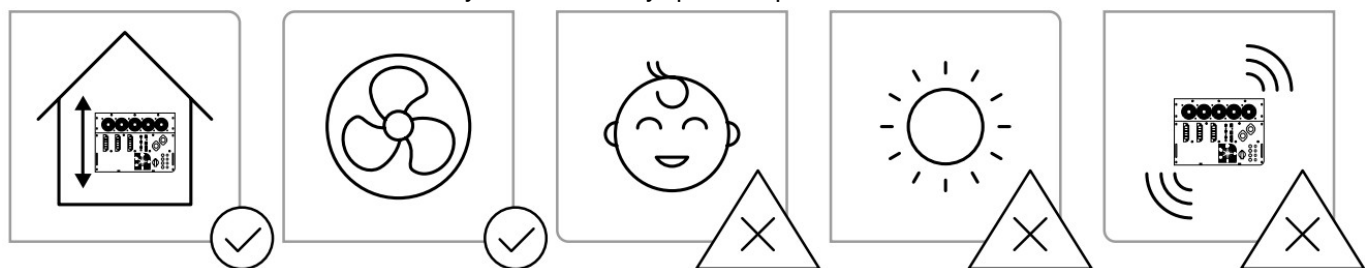
Mounting and installation

Storage and content

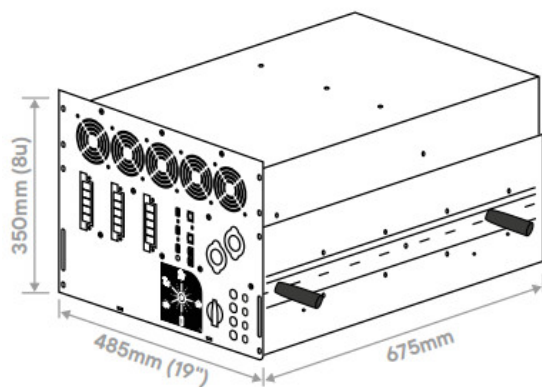


Mounting place

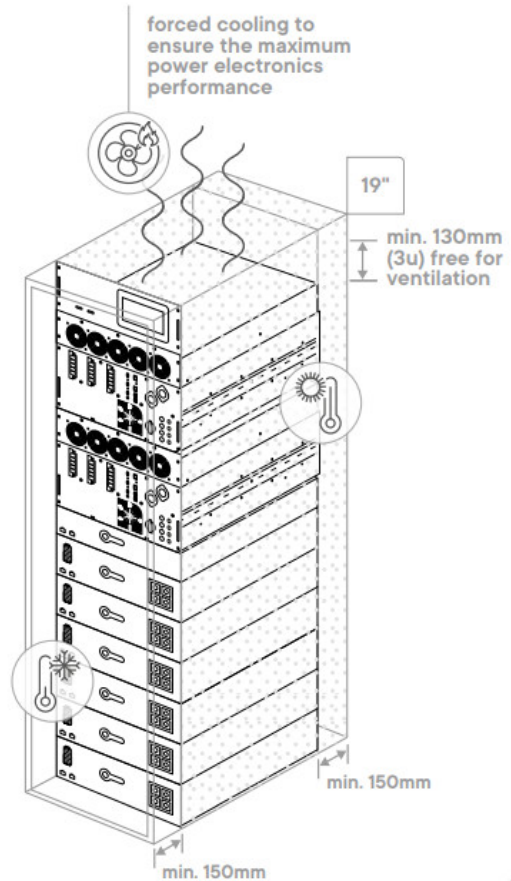
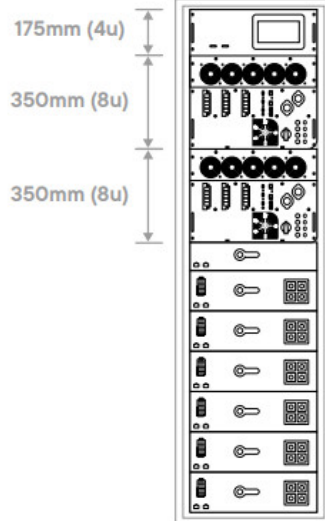
The next3 and the batteries should only be installed by qualified personnel.



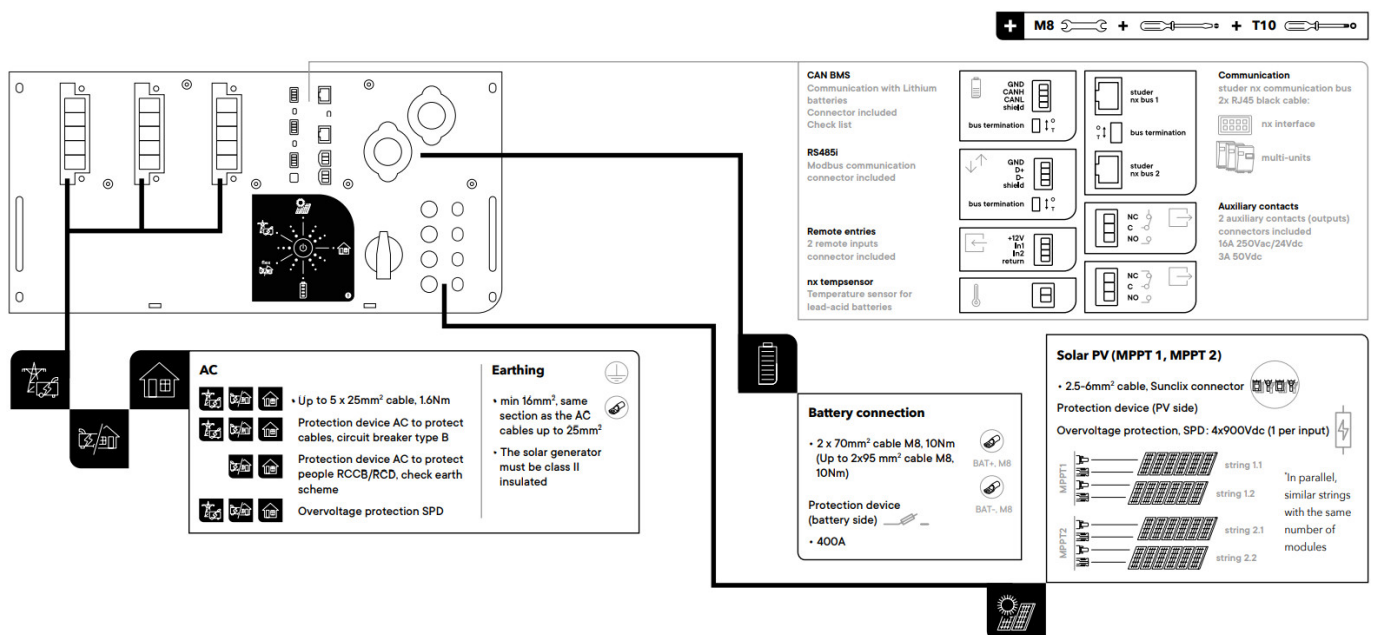
Fixing and dimensions



58 kg



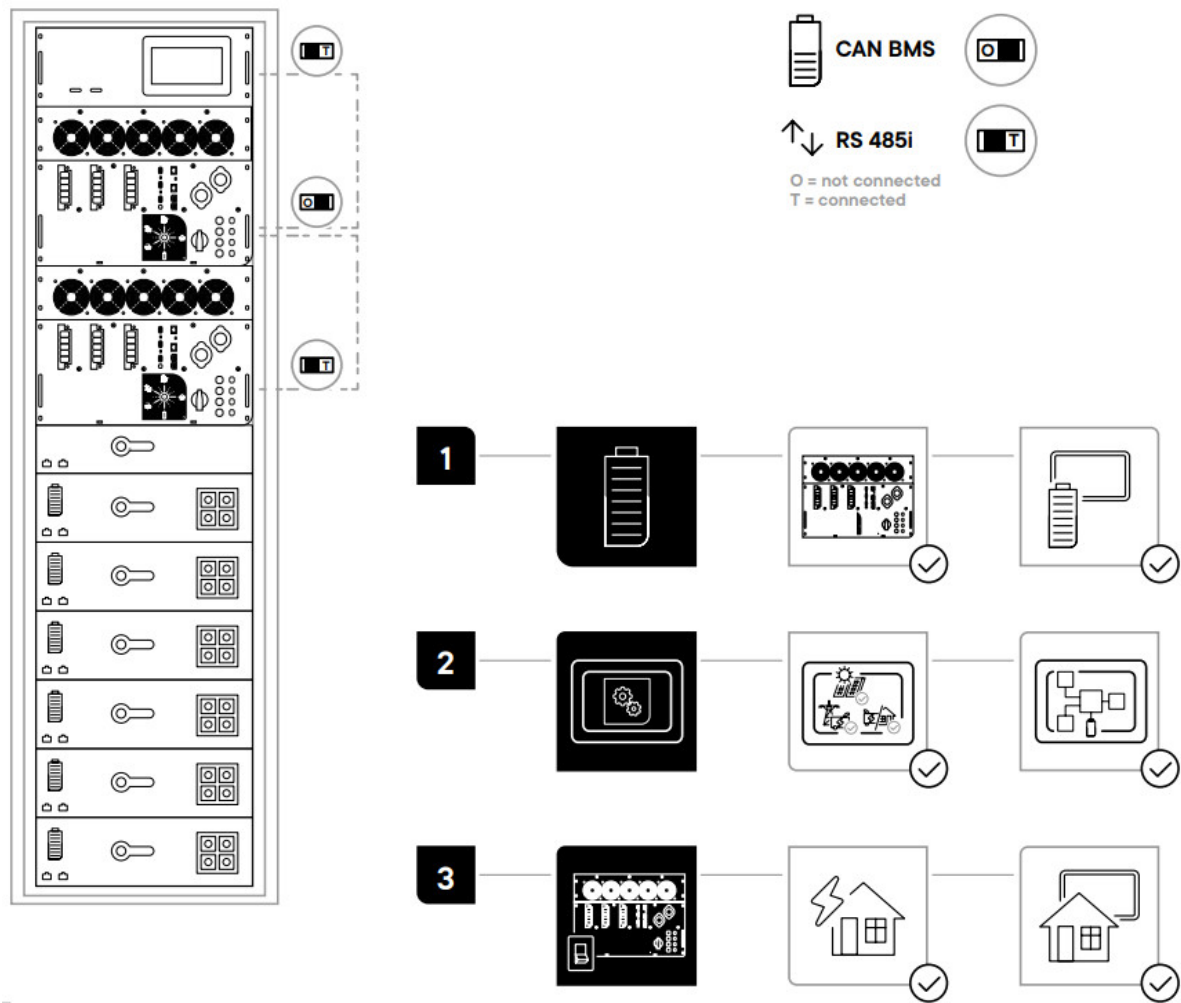
Wiring



! The device must be installed in accordance with local standards and regulations in force.

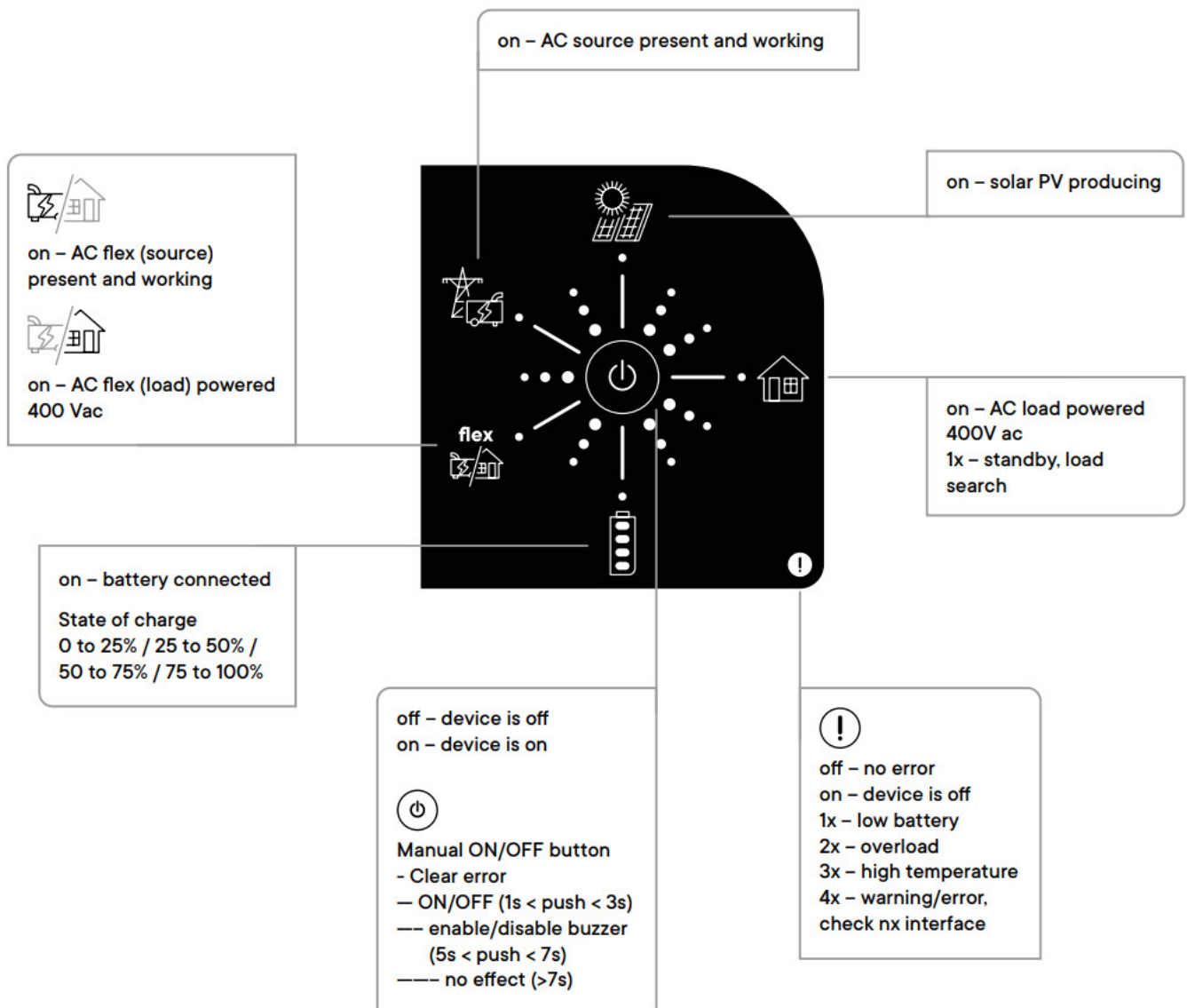
Communication and power up

1 nx interface required in the communication bus

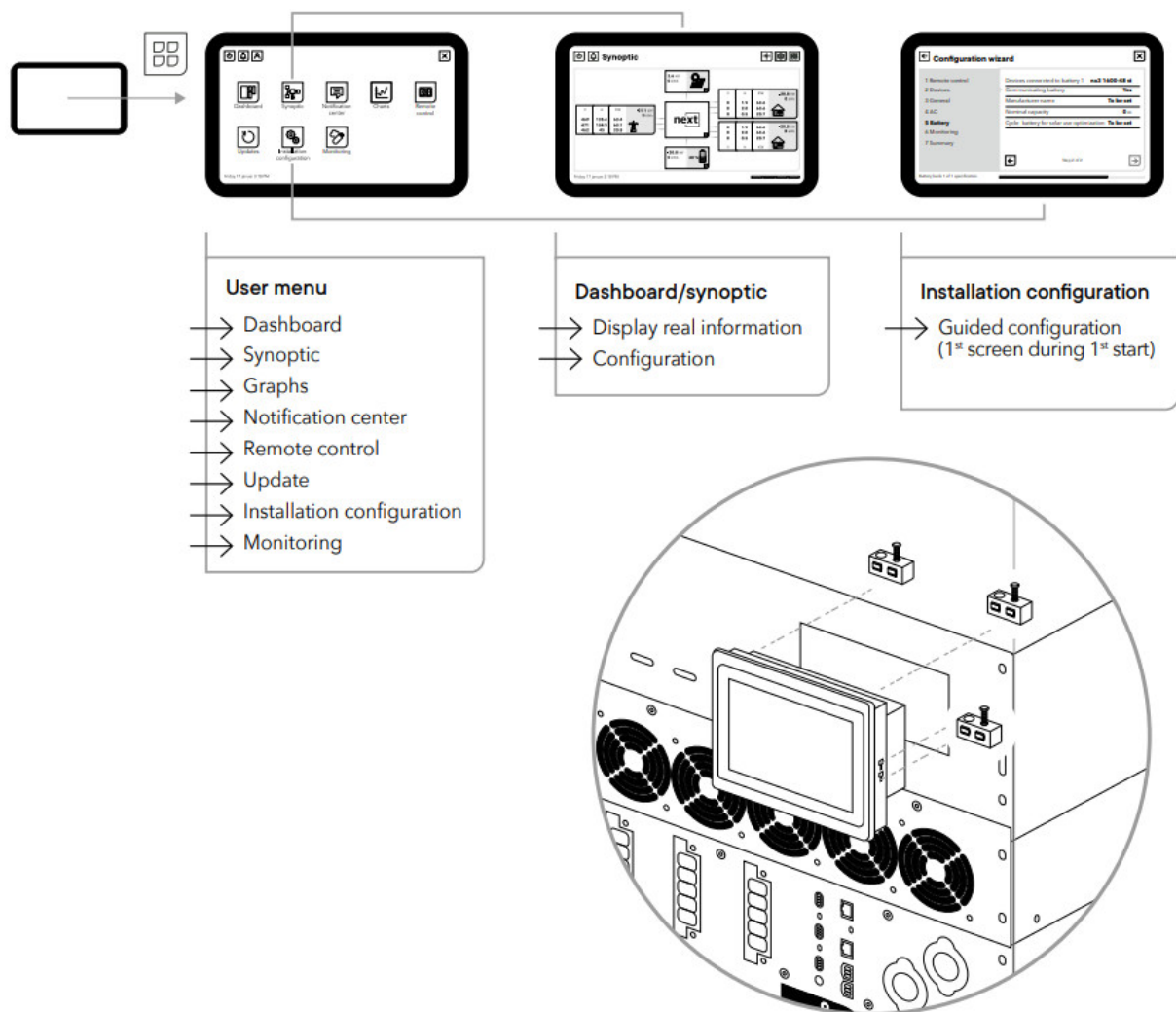


Display

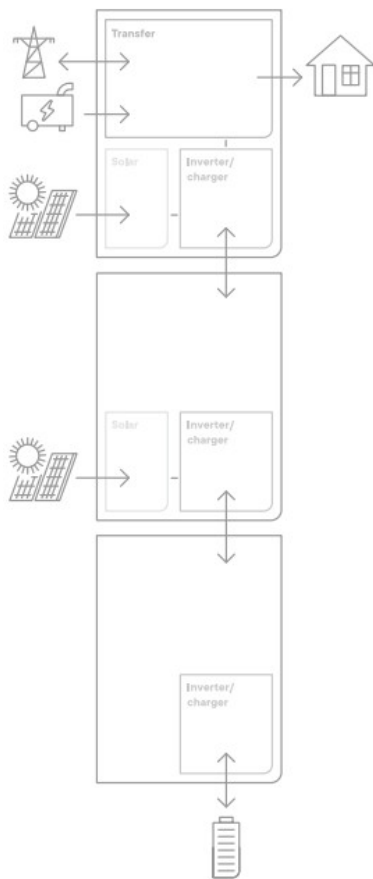
Display system



Configuring the next
nx interface

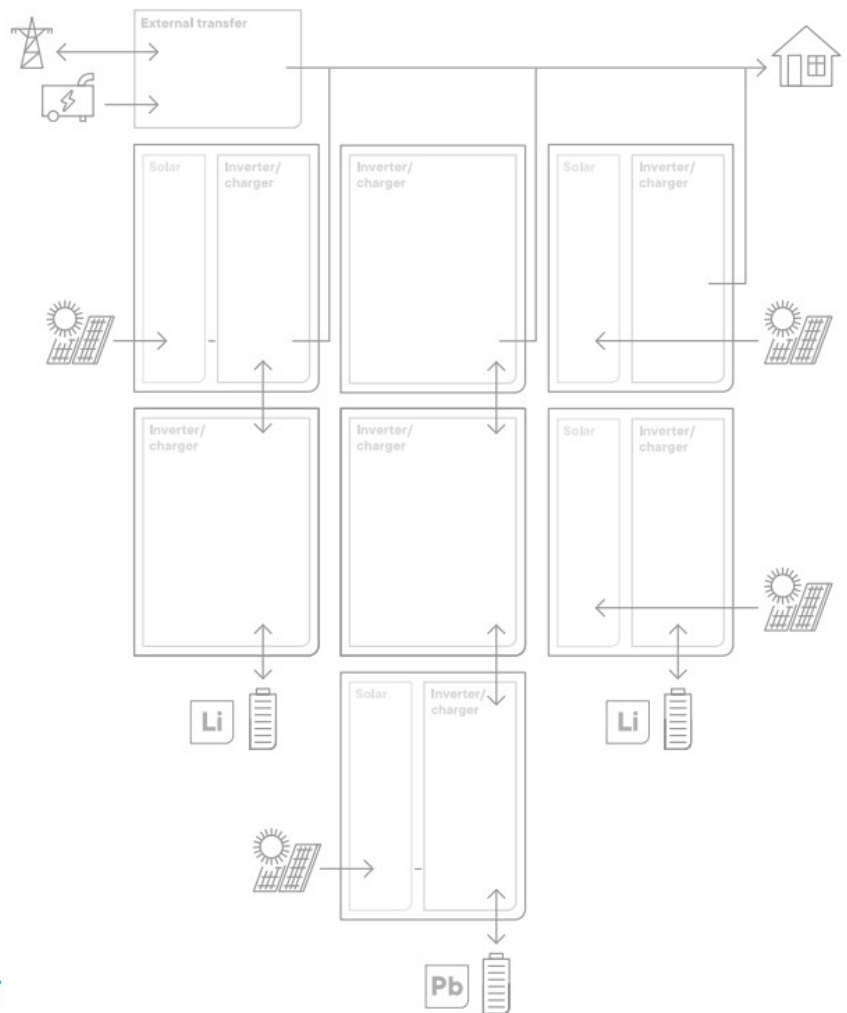


Multi units
3 phase and parallel combination



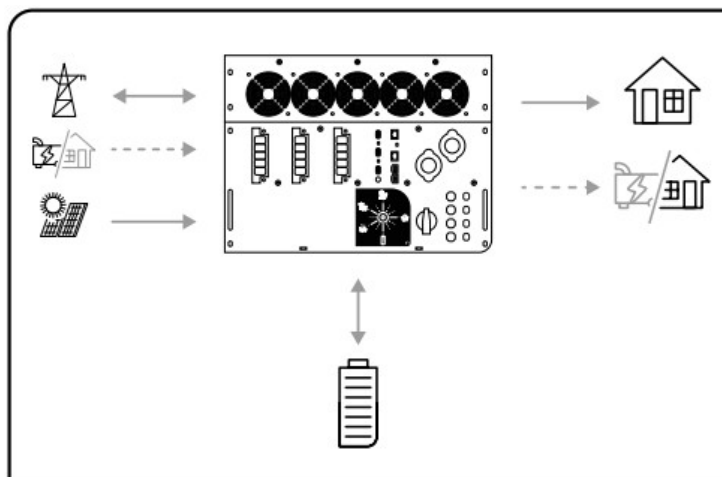
(Not yet available)
Up to 3 units in parallel

1 internal transfer, common battery



(Not yet available)
Multi-unit and multi-battery

Technical data



IP 30

Protection
Class I

CE

inverter	nx3 rack 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 startup voltage	200 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

Battery nominal voltage 48Vdc (38-68Vdc)

Battery charge current 300 Adc



Maintenance and recycling

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.

Serial Number:

Installed by:

Date:

Signature:

Call our specialists +41 27 205 60 80 or visit studer-innotec.com/support

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Documents / Resources

	<p>STUDER next 3 rack next3 Device [pdf] User Guide next 3 rack next3 Device, 3 rack next3 Device, rack next3 Device, next3 Device, Device</p>
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References

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

[Manuals+](#).