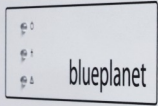




PORTFOLIO KACO new energy.

1 June 2025

We turn *passion* into **power.**



K A C O 

blueplanet
100 NX3/125 NX3

Contents

Residential 3-phase hybrid inverters

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Residential 3-phase string inverters

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blueplanet hybrid

6.0 NH3-12.0 NH3

HYBRID INVERTERS FOR
RESIDENTIAL AND SMALL COMMERCIAL
BATTERY STORAGE AND
SOLAR PV SYSTEMS

Solar+storage. Quick+easy.

Easy-to-connect battery and smart meter interfaces

Smart meter and current transformer included in delivery

Compatible with high-voltage batteries

Full rated output in battery mode

Open home energy management system available for sector coupling

User-friendly App for set-up, commissioning and real-time monitoring

Remote monitoring and secure data transmission with new blueplanet smartcloud

Superior oversizing capabilities and shade management for higher yields

Ready for bifacial and high-power PV modules

3 MPPTs for flexible PV system design

Emergency power and black start capability

Residential 3-phase hybrid inverters.

Article no.	Article / Description	Pieces / Pallet
1002100	blueplanet hybrid 6.0 NH3 M2	12
1002104	blueplanet hybrid 8.0 NH3 M3	12
1002105	blueplanet hybrid 10.0 NH3 M3	12
1002106	blueplanet hybrid 12.0 NH3 M3	12



Accessories



**NH3-Hybrid
EPS-Box**

Article no.	
3016392	NH3-hybrid EPS-Box 63A

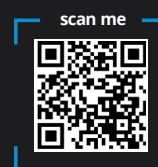


Packaging

blueplanet hybrid 6.0 NH3 – 12.0 NH3
Packaging unit / 12 pieces per pallet
H x W x D: 125 x 70 x 206.9 cm
Gross weight per pallet: 411 kg

Compatible batteries

See current version
data sheet





blueplanet gridsave

92.0TL3-S-137TL3-S

**BIDIRECTIONAL BATTERY INVERTERS
COMMERCIAL AND INDUSTRIAL
ENERGY STORAGE**

Energy storage. Easy-going.

98.9% max. efficiency through
silicon carbide technology (SiC)

Significant power density of
1.7 kVA/kg

High system flexibility, expandable
to utility-scale applications via
Virtual Central concept

Easy to control through open
communication standard

All-in-one versions available
including pre-charge unit and
DC load relay



For C&I and utility-scale battery systems

Article no.	Article / Description	Version
1001912	blueplanet gridsave 92.0 TL3-S	S
1001910	blueplanet gridsave 92.0 TL3-S	M
1001911	blueplanet gridsave 92.0 TL3-S	L
1002020	blueplanet gridsave 110 TL3-S	S
1002021	blueplanet gridsave 110 TL3-S	M
1002022	blueplanet gridsave 110 TL3-S	L
1002014	blueplanet gridsave 137 TL3-S	S
1002013	blueplanet gridsave 137 TL3-S	M
1002012	blueplanet gridsave 137 TL3-S	L

**MADE IN
GERMANY.**

Accessories

1000261	Powador-protect
1001884	Kit AC SPD (4 pieces) for gridsave 92.0 - 137 TL3-S
1001886	Kit LAN - SPD
1001882	Kit AC input plate (double row) 87 - 165
1001906	Kit AC input plate (M63/32)

Packaging

blueplanet gridsave 92.0 - 137 TL3-S

Packaging unit / 3 pieces per pallet

H x W x D: 83 x 78 x 189 cm

Gross weight per pallet: 245 kg



Residential 1-phase string inverters.

blueplanet 3.0 NX1-5.0 NX1

Article no.	Article / Description	Pieces / Pallet
1002015	blueplanet 3.0 NX1 M2	32
1002016	blueplanet 3.7 NX1 M2	32
1002017	blueplanet 4.0 NX1 M2	32
1002018	blueplanet 5.0 NX1 M2	32

Accessories blueplanet 3.0 NX1 – 5.0 NX1 M2	
3015112	NX1 Series RS485 connection kit
3015113	NX1 Smart Meter - Eastron

Packaging

blueplanet 3.0 NX1 – 5.0 NX1
 Packaging unit / 32 pieces per pallet
 H x W x D: 112 x 92 x 210 cm
 Gross weight per pallet: 475 kg



Small System? Big convenience. Sure thing.

Simple installation, also outdoors

Quick WiFi set up with app

Smart monitoring with
userfriendly app

Lightweight @ 11 kg

Quiet performance with low
25dB levels



Residential 3-phase string inverters.

blueplanet 3.0 NX3–10.0 NX3

Article no.	Article / Description	Pieces / Pallet
1002043	blueplanet 3.0 NX3 M2	24
1002044	blueplanet 5.0 NX3 M2	24
1002045	blueplanet 8.0 NX3 M2	24
1002046	blueplanet 10.0 NX3 M2	24

Accessories blueplanet 3.0 NX3 – 20.0 NX3 M2	
3015600	NX3 Smart Meter - Eastron*
3016248	Leaflet HEMS – blueplanet Edition
3016724	RCN-Kit

*Suitable for currents up to 100 A

Packaging

blueplanet 3.0 NX3 / 5.0 NX3

Packaging unit / pieces per pallet

H x W x D: 120 x 106 x 208 cm

Gross weight per pallet: 550 kg

blueplanet 8.0 NX3 / 10.0 Nx3

Packaging unit / 24 pieces per pallet

L x W x H: 120 x 106 x 208 cm

Gross weight per pallet: 621 kg



blueplanet 15.0 NX3/20.0 NX3

Article no.	Article / Description	Pieces / Pallet
1002048	blueplanet 15.0 NX3 M2	24
1002049	blueplanet 20.0 NX3 M2	24

Packaging

blueplanet 15.0 NX3 / 20.0 NX3

Packaging unit / 24 pieces per pallet

H x W x D: 120 x 106 x 208 cm

Gross weight per pallet: 621 kg



Get ready
for the next generation.



NEW

blueplanet 25.0 NX3–33.0 NX3

**MULTI-MPPT STRING INVERTERS
COMMERCIAL AND INDUSTRIAL
PHOTOVOLTAIC SYSTEMS**

The power of independence.

25, 30 and 33 kVA output power
for new projects, retrofiting
and repowering

Compatible with bifacial
and high-power PV modules

Additional connections:
4 digital inputs, NA protection

3 MPPTs for versatile PV system
design (2 strings per MPPT)

32 A or 40 A input current
per MPPT

Higher yields through oversizing
and shade management

Various interface options
for flexible system integration

User-friendly app for setup,
commissioning and
real-time monitoring

Zero feed-in

SPD AC Type 2/DC Type 2

C&I string inverters.

Article no.	Article / Description	Pieces / Pallet
1002040	blueplanet 25.0 NX3 M3	12
1002041	blueplanet 30.0 NX3 M3	12
1002042	blueplanet 33.0 NX3 M3	12

Accessories

3015600	NX3 Smart Meter - Eastron*
3016248	Leaflet HEMS – blueplanet Edition

*Suitable for currents up to 100 A

Packaging

blueplanet 25.0 NX3, 30.0 NX3 & 33.0 NX3

Packaging unit / 3 pieces per pallet

H x W x D: 125 x 67 x 209 cm

Gross weight per pallet: 440 kg



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blueplanet

50.0 NX3/60.0 NX3

**MULTI-MPPT STRING INVERTERS
COMMERCIAL AND INDUSTRIAL
PHOTOVOLTAIC SYSTEMS**

Unmistakable. Powerful. Flexible.

50 kVA / 60 kVA for particularly complex roof tops (incl. retrofit)

5 MPPTs for flexible PV system design (2 strings per MPPT)

40 A / 32 A input current per MPPT

Compatible with bifacial and high-power modules

Shade management – improved yield under non-ideal conditions

Additional connections:
4 digital inputs, NA protection

High number of communication options (LAN/Wifi/RS485)

Zero feed-in

Plug & Play concept

Smart monitoring via App

SPD AC Type 2/DC Type 2

C&I string inverters.

Article no.	Article / Description	Pieces / Pallet
1002107	blueplanet 50.0 NX3 M5	2
1002108	blueplanet 60.0 NX3 M5	2

Accessories | Smart Meter

3016563	Eastron SDM630*
3016564	Eastron SDM630 CT - 250/5A
3016565	Eastron SDM630 CT - 400/5A

*Smart Meter for external current sensors



Packaging

blueplanet 50.0 & 60.0 NX3

Packaging unit / 2 pieces per pallet

H x W x D: 94 x 72 x 95.4 cm

Gross weight per pallet: 114 kg





blueplanet 100 NX3/125 NX3

**MULTI-MPPT STRING INVERTERS
COMMERCIAL AND INDUSTRIAL
PHOTOVOLTAIC SYSTEMS**

The inverters for the industrial PV revolution.

100 and 125 kVA for complex
rooftops (incl. retrofit)

8/10 MPPTs for flexible
PV array design
(2 strings per MPPT)

Up to 200% DC oversizing

Arc fault detection and interruption

SPD AC Type 2 / DC Type 1+2
pluggable and replaceable
acc. to IEC 61643

Superior efficiencies due to SiC
technology

Global MPP tracking

AC Daisy Chaining

Reactive power at night possible

Cyber security technology

Very late temperature derating

Integrated section switches

C&I | Utility-scale string inverters.

Article no.	Article / Description	Pieces / Pallet
1002081	blueplanet 100 NX3 B - M8	3
1002080	blueplanet 125 NX3 B - M10	3
1002132	blueplanet 100 NX3 M - M8	3
1002131	blueplanet 125 NX3 M - M10	3
1002133	blueplanet 125 NX3 MF - M8	3
1002130	blueplanet 100 NX3 MF - M10	3
1002170	blueplanet 100 NX3 L - M8	3
1002171	blueplanet 125 NX3 L - M10	3

- > B – Basic variant with permanently installed SPD AC-Type 2 & DC-Type 2
- > M – Variant with plug-in and exchangeable SPD AC-Type 2 & DC-Type 1+2
- > MF – Variant with plug-in and exchangeable SPD AC-Type 2 & DC-Type 1+2 (France)
- > L – Variant with plug-in and exchangeable SPD AC-Type 2 & DC-Type 1+2 & Arc fault detection and interruption

Accessories blueplanet 100 / 125 NX3

1002120	Kit AC input plate Daisy-Chain *	1 Kit / Inverter
1002173	Kit AC input plate Multicore *	1 Kit / Inverter
1002121	Universal mounting kit *	1 Kit / Inverter
1002160	Kit AC – SPD Type 1+2 *	1 Kit / Inverter
1002192	Kit AC – SPD Type 2 *	1 Kit / Inverter
1002193	Kit DC – SPD Type 1+2 **	1 Kit / Inverter
1002194	Kit DC – SPD Type 1+2 ***	1 Kit / Inverter
1002195	Kit internal fan *	1 Kit / Inverter
1002196	Kit exterior fan *	1 Kit / Inverter
3016362	Digitus AC1300 Wifi Nano USB Stick *	-

Packaging

blueplanet 100 / 125 NX3

Packaging unit / 3 pieces per pallet
H x W x D: 117 x 83 x 140 cm
Gross weight per pallet: 320 kg

*Accessories for blueplanet 100 & 125 NX3 /// **Accessories for blueplanet 100 NX3 /// ***Accessories for blueplanet 125 NX3



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C&I | Utility-scale string inverters.

Article no.	Article / Description	Piece / Pallet
1001784	blueplanet 87.0 TL3-S (380Vac)	3
1001785	blueplanet 92.0 TL3-S (400Vac)	3
1001941	blueplanet 105 TL3-S (400Vac)	3
1001942	blueplanet 125 TL3-S-US (480Vac)	3
1001897	blueplanet 87.0 TL3-XL (380Vac)	3
1001898	blueplanet 92.0 TL3-XL (400Vac)	3
1001951	blueplanet 105 TL3-XL (400Vac)	3
1001952	blueplanet 125 TL3-XL-US (480Vac)	3

blueplanet
87.0 TL3-125 TL3



Accessories

1001884	Kit AC SPD 1 Kit / Inverter
1001885	Kit DC SPD 1 Kit / Inverter
1001886	Kit LAN - SPD 1 Kit / Ethernet Port
1001887	Kit RS485 - SPD 1 Kit / Inverter
1001888	PID connection Set 87 - 165 *Only in the set for connecting an external float controller
1001882	Kit AC input plate (double row)
1001906	Kit AC input plate (M63/32)
3016362	WLAN adapter bp 87 - 165
1001860	blueplanet DC-breaker bp 87 - 165
1001917	Bending box bp 87 - 165

The inverters for any case.

Cost-saving due to 380 / 400 V line voltage and integrated section switches

Optimised for PV modules with 1000 V and 1500 V

Highest efficiency and overload capacity through silicon carbide technology

Special properties for extreme environmental conditions

Lean commissioning and updates via remote services

Decentralised design or 'Virtual Central' concept possible



C&I | Utility-scale string inverters.

blueplanet
125 TL3-165 TL3



Article no.	Article / Description	Pieces / Pallet
1001623	blueplanet 125 TL3-S (600Vac)	3
1001787	blueplanet 137 TL3-S (600Vac)	3
1001783	blueplanet 150 TL3-S (660Vac)	3
1001943	blueplanet 155 TL3-S (600Vac)	3
1001944	blueplanet 165 TL3-S (660Vac)	3
1001894	blueplanet 125 TL3-XL (600Vac)	3
1001895	blueplanet 137 TL3-XL (600Vac)	3
1001896	blueplanet 150 TL3-XL (660Vac)	3
1001953	blueplanet 155 TL3-XL (600Vac)	3
1001954	blueplanet 165 TL3-XL (660Vac)	3

Packaging

blueplanet 87.0 TL3-S/XL - 165 TL3-S/XL

Packaging unit / 3 pieces per pallet

H x W x D: 83 x 78 x 189 cm

Gross weight per pallet: 245 kg



Decentrally into new dimensions.

Superior efficiencies and overload capacity through silicon carbide technology

Special properties for extreme environmental conditions

Decentralised design or 'Virtual Central' concept possible

Overvoltage protection AC/DC and for communication interfaces available

Lean commissioning and updates via remote services

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PV Accessories

DC-Combiner | Direct String Connection Kit

Article no.	Article / Description	Max Inc (A) @40°C	Comments
3015720	DC-Combiner_1500V_12_HP_HIS	18.5 A	Combiner Box is supplied without integrated fuses. Fuses available separately in various sizes (1500 V versions)
3015721	DC-Combiner_1500V_12_Mon_HP_HIS	18.5 A	
3015722	DC-Combiner_1500V_16_HP_HIS	18.5 A	
3015723	DC-Combiner_1500V_16_Mon_HP_HIS	18.5 A	
3016732	DC-Combiner_1500V_12_ARC_UVR_HIS	18.5 A	
3016733	DC-Combiner_1500V_16_ARC_UVR_HIS	18.5 A	
3014766	PV - Fuse 10x85 - 15 A - 1500 V	-	Fuses can only be ordered in packaging units of 5 pieces.
3014848	PV - Fuse 10x85 - 20 A - 1500 V	-	
3015054	PV - Fuse 10x85 - 25 A - 1500 V	-	
3014849	PV - Fuse 10x85 - 30 A - 1500 V	-	

Direct String Connection Kit (DSCK)

3014455	Direct String Connection Kit for blueplanet 87.0 - 165 TL3-XL	-	Requires the blueplanet 87.0 - 165 TL3-XL with integrated DC switch. One kit required per inverter.
3015475	Fuse 15 A / 1500 V for DSCK	-	Up to 18 strings can be connected to the DSCK.
3015476	Fuse 20 A / 1500 V for DSCK	-	The number of strings used can be protected on the + and - side with inline fuses.
3015477	Fuse 25 A / 1500 V for DSCK	-	When selecting the number of strings, please note the maximum lcs current of the inverter.
3015478	Fuse 30 A / 1500 V for DSCK	-	



DC-Combiner



DSCK

PV Accessories

Leaflet HEMS | EPS-Box | RCN-Kit

Leaflet HEMS – blueplanet edition

Optimize energy efficiency. Increase self-consumption.

Your ideal Home Energy Management System.

Article no.

3016248 Leaflet HEMS – blueplanet Edition



NH3-Hybrid EPS-Box



- Time saving thanks to pre-configured complete solution
- Simple installation
- Type A residual current circuit breaker pre-installed
- Automatic emergency power supply for important loads
- Manual connection of additional loads extends battery life

Article no.

3016392 NH3-hybrid EPS-Box 63A



RCN-Kit

Retrofit kit for blueplanet 3.0 - 20.0 NX3 inverters

For connecting an external radio ripple control receiver (FRE) and NA protection device



Article no.

3016724 RCN-Kit



Warranty.

Warranty period	Warranty applies to the following inverters
10 Years	blueplanet hybrid 6.0 NH3 8.0 NH3 10.0 NH3 12.0 NH3
	blueplanet 3.0 NX3 5.0 NX3 8.0 NX3 10.0 NX3
	blueplanet 15.0 NX3 20.0 NX3 25.0 NX3 30.0 NX3 33.0 NX3
	blueplanet 50.0 NX3 60.0 NX3
5 Years	blueplanet gridsave 92.0 TL3-S 110 TL3-S 137 TL3-S
	blueplanet 3.0 NX1 3.7 NX1 4.0 NX1 5.0 NX1
	blueplanet 100 NX3 125 NX3
	blueplanet 87.0 TL3 92.0 TL3 105 TL3 110 TL3 125 TL3 125 TL3 US 137 TL3 150 TL3 155 TL3 165 TL3



Customer Service and Order Execution.

Service report

Apply for initial registration at
<https://kaco-newenergy.com/service/mykacom-customer-portal>

- ▶ Log in to www.mykaco.com
- ▶ Detailed description of the fault and submission of the report
- ▶ The customer automatically receives a ticket number for tracking purposes
- ▶ Decision by KACO new energy on replacement, repair or field service deployment



Replacement by KACO new energy

- ▶ Verification of the warranty claim
- ▶ Dispatch of the replacement inverter
- ▶ Scheduling for field service
- ▶ Pick-up and repair in the workshop



Dispatch to KACO new energy

- ▶ Pack the replaced inverter in a suitable shipping box
- ▶ Affix return label clearly visible on shipping carton and ship
- ▶ Devices supplied by the customer are repaired (overhauled) and allocated to the respective exchange pool

Customer Service

Tel.: +49 7132 896-1000
service@kaco-newenergy.de
www.mykaco.com

Order Execution

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