

K A C O



new energy.

preliminary



blueplanet 360 NX3

▶ **Power up
to 360 kW**

▶ **Maximum
Cybersecurity**

▶ **Very late
Derating**

Target Technical Data. blueplanet 360 NX3

preliminary

DC input data		360 NX3
Max. recommended PV generator power		544 000 W
MPP range		860 – 1300 V
Operating range		500 – 1500 V
Rated DC voltage / start voltage		1080 V / 550 V
Max. no-load voltage		1500 V
Max. input current		6 * 75 A
Max. short circuit current I _{SC} MAX		6 * 113 A
Number of MPP trackers		6
Connection per tracker		5/5/5/5/5
AC output data		
Rated output		363 000 VA @30 °C / 333 000 VA @40 °C / 326 700 VA @90% U _{NOM} according to AR-N-VDE 4110
Max. power		363 000 VA
Line voltage		800 V (3P + PE)
Voltage range (Ph-Ph)		640 – 920 V
Rated frequency (range)		50 Hz / 60 Hz
Rated current		262 A
Max. current		262 A
Reactive power / cos phi		0.80 ind. – 0.80 cap.
Max. total harmonic distortion (THD)		< 3 %
Number of grid phases		3
General data		
Max. efficiency		99.01 %
Europ. efficiency		98.52 %
Standby consumption		< 6 W (night)
Circuitry topology		transformerless
Anti-PID		yes ●
Tracker interface		yes ●
Q at night		yes ●
DC surge protection Type II		yes ●
AC Surge protection Type II		yes ●
Anti-island protection		yes ●
AC overcurrent protection		yes ●
DC reverse connection protection		yes ●
AC short circuit protection		yes ●
PV string monitoring		yes ●
Grid monitoring		yes ●
Residual Current Monitoring Unit		yes ●
Mechanical data		
Display		LED
Control units		mobile devices (App)
Interfaces		RS485, K-Bus, Bluetooth, 1 x USB
DC connection		plug in connector
AC connection		OT/DT connector
Ambient temperature		-30 °C – +60 °C
Humidity		100 %
Max. installation elevation (above MSL)		4 000 m
Climatic category (according to IEC 60721-3-4)		4K4H
Cooling		forced air
Protection class		IP66
Noise emission		71 db (A)
H x W x D		780 mm x 1080 mm x 385 mm
Weight		≤ 117 kg
Certifications		
Safety & Grid		CE, IEC622109-1/2, IEC61727, IEC61683, 50549-10 / EN 50549-2 inc. A1:2023 / AR-N-VDE 4110 / AR-N-VDE 4120 / TOR Erzeuger B - D Version 1.3:2024 / NA/EEA-NE3-5 – CH 2022 / EN 50549-2 & EN 50540-10 french deviation / more information see homepage / download area

The text and figures reflect the current technical state at the time of printing. Subject to technical changes. Errors and omissions excepted.
This current version replaces all older versions. Download the most current version at: www.kaco-renewenergy.com