



blueplanet 360 NX3

**MULTI-MPPT STRING INVERTER
FOR UTILITY-SCALE AND
PHOTOVOLTAIC SYSTEMS**

► Power up to 363 kW ► Maximum Efficiency ► Very Late Derating

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 @35 °C / 363 000 VA @40 °C > 1080 VDC / 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		98.9 %
Europ. efficiency		98.6 %
Standby consumption		< 6 W (night)
Circuitry topology		transformerless
Anti-PID		✓combined with the Communication Box
Tracker interface		✓
Q at night		✓
DC surge protection Type II		✓
AC Surge protection Type II		✓
Anti-island protection		✓
AC overcurrent protection		✓
DC reverse connection protection		✓
AC short circuit protection		✓
PV string monitoring		✓
Grid monitoring		✓
Residual Current Monitoring Unit		✓
Mechanical data		
Display		LED
Interfaces		RS485, K-Bus, 1x 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		122 kg
Certifications		
Safety & Grid		CE, IEC62109-1/2, 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.
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