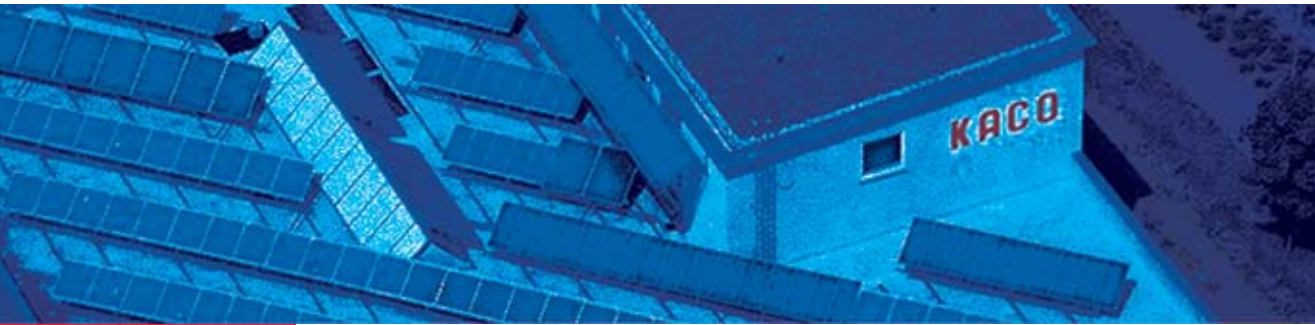


KACO blueplanet 0lxi series grid-tied inverter



- MADE IN GERMANY for over 60 years
- NEMA 3R enclosure for all applications
- “Best in Class” CEC efficiency rating
- Easy to read LCD display
- GFDI ground fault protection
- BiSi grid monitoring (anti-islanding)
- **easy**Install installation
- **easy**Link data interface
- **easy**Swap 10 year warranty



tested to UL 1741

K A C O



new energy.

KACO blueplanet 0 | xi series grid-tied inverter



Model number	blueplanet 150 xi	blueplanet 360 xi	blueplanet 290 xi
DC – input data			
Max. DC power	1.8 kW _p	4.8 kW _p	3.8 kW _p
MPP range	125 - 300 V _{dc}		
Max. DC input voltage	400 V _{dc}		
Max. array short circuit current	15 A _{dc}	48 A _{dc}	33 A _{dc}
AC – output data			
CEC continuous AC output @ 40°C	1500 W	3600 W	2900 W
UL continuous AC output @ 25°C	1500 W	3900 W	3100 W
Max. utility backfeed current	0 A _{ac}		
Max. overcurrent protection	15 A _{ac}	30 A _{ac}	20 A _{ac}
AC operating voltage range	211 – 264 V		
Frequency	59.3 – 60.5 Hz		
CEC rated efficiency	94%	93.5%	94%
General data			
Grid monitoring	BISI in accordance with UL 1741		
Wiring concept	Electrically isolated DC/DC converter with downstream inverter		
Islanding protection	Active anti islanding		
Safety compliance	UL 1741, IEEE 929 & 519, NEC 690		
DC reverse polarity protection	YES		
Ground fault protection	YES - internal GFDI		
Temperature protection	YES - power de-rating and emergency shut down		
Visual displays	Backlit LCD display 2x16 characters		
Accessory interfaces	RS232 / RS485 with easyLink - Optional S ₀ interface for large displays		
Connections	AC & DC connection with clamps		
Ambient operating temperature	-5°F - +149°F -20°C - + 65°C		
Cooling	Ultimate reliability - True convection		
Enclosure type	NEMA 3R / IP 54		
Specifications			
Dimensions	17 3/4" x 13 3/8" x 7 7/8"	25 5/8" x 13 3/8" x 8 3/8"	19 5/8" x 13 3/8" x 8 3/8"
Weight	30.8 lbs	65.7 lbs	52.7 lbs
Power Consumption	Night - 0W, Standby < 5W		

KACO's electrically isolated inverters meet all the expectations you place on top-quality, modern inverters: easy to use, innovative technology, maximum efficiency and durability are all features of our grid-tie inverters. At KACO "Made in Germany" are not just empty words. All processes from development to production take place in Germany. KACO has been producing power supplies of all kinds for over 60 years. Our decades of experience are the basis for the successful **blueplanet** inverter series.

Our **easyInstall** system makes installation of the inverters extremely simple with our innovative, lightweight and easy mounting bracket. Cables are connected directly inside the inverter with screw clamps. The inverter's hinged housing door allows easy access to all PV terminals to ensure our **easyInstall** promise. In addition, KACO grid tie inverters are light enough for a single person to install.

When choosing accessories to connect to your **blueplanet** inverter, the **easyLink** interface system lets you choose between the various connection ports with ease. You can select which interface protocol, RS232 or RS485, should be used so no extra communication card is needed. The new design integrates these new features in an appealing way, while adding a very high end look and feel. With a NEMA 3R / IP54 enclosure the device is suitable to install in harsh conditions.

KACO also makes no compromises when it comes to warranties and service. The 10 year **easySwap** warranty is the simplest of its kind which means we offer a no hassle return policy. Simply call us and we'll swap your damaged or defective inverter with a functional unit.



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38 Keyes Ave, The Presidio, San Francisco, CA 94129 •
T: +1 (866) KACO SOLAR F: +1 (415) 931 1688 •
kacoinfo@kaco-newenergy.com www.kaco-newenergy.com

Specifications are subject to change without notice. KACO blue planet 0 | xi 09/23/2011