

KACO Blueplanet Three-Phase Grid-Tied Inverter

Microcare has been appointed as the distributor and technical service provider for KACO Energy in South Africa. Kaco new energy has rolled out its new Blueplanet grid tied Inverter series with a line-up of three-phase, transformerless units. All The advantages of the larger Three-phase inverters can now be found in one power class which is just perfect for private roof systems as well as small commercial applications. When self-generated solar power wants to be used, the Blueplanet series grid-tied inverters has a built-in function for managing self-consumption.



- Graphical display
- Two symmetrical and asymmetrical MPPTs
- Multi-lingual menu
- Data logger with web server
- Priwatt function for the self consumption of solar power
- Up to 98.3% efficiency
- IP65 Protection
- Integrated DC switch
- Noise emission <45dB
- Fan Cooling
- 5 year warranty

Model	5.0 TL3	6.5 TL3	10.0 TL3	15.0TL3	20 TL3	50 TL3
DC Input MPPT range	240-800V	310-800V	470-800V	420-800V	515-800V	580-900V
Operating Range	200-950V					580-1050V
Min DC Voltage	200V/250V					600V/670V
No-load Voltage	1 000 V					1 100 V
Max Input Current	2x11A			2v18.6A	2x20A	90A
Number of MPPTs	2					1
Max Connected PV Range	6kW	7.8kW	12kW	18kW	24kW	60 kW
Number of Strings	2			2x2		1/10
AC Rated output @230V	5kVA	6.5kVA	10kVA	15kVA	20kVA	50kVA
Supply Voltage	400/230V					
Rated Current	3x7.25A	3x9.5A	3x14.5A	3x21.8A	3x29A	3x72,4A
Rated Frequency	50 Hz / 60 Hz					
Number of Grid Phases	3					
Max Efficiency	97.4%	97.6%	98.3%	98%	98.4%	98.5%
Night Consumption	1.5W					2.5W
Circuitry Topology	Transformerless					
Dimensions (h x w x d)	522x363x246mm				690x420x200mm	760x500x425mm
Weight	30kg				46.6 kg	73kg