

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	9.0 TL3	20 TL3	50 TL3
DC Input MPPT range	240V-800V	310V-800V	420V-800V	550V-800V	570V-900V
Operating Range	200V-950V				570V-1050V
Min DC Voltage	200V/250V				570V/670V
No-load Voltage	1 000 V				1 100 V
Max Input Current	2 x 11A			2 x 18.8 A	90 A
Number of MPPTs	2				1
Max Power/Tracker	5.2 kW	6.7 kW	8.8 kW	15.0 kW	
Number of Strings	2			2 x 2	1 / 12
AC Rated output	5 000 VA	6 500 VA	9 000VA	20 000 VA	50 000 VA
Supply Voltage	According To local requirement			400 V /230 V	400 V / 230 V
Rated Current	3 x 7.25 A	3 x 9.5 A	3 x 13.0 A	3 x 29 A	3 x 72,4 A
Rated Frequency	50 Hz / 60 Hz				
Number of Grid Phases	3				
Max Efficiency	98.3%			97.9%	98.3%
Night Consumption	1.5W				
Circuitry Topology	Transformerless				
Dimensions (h x w x d)	522 x 363 x 246mm			690 x 420 x 200mm	760 x 500 x 425mm
Weight	30kg			46.6 kg	73kg