

Kaco Blueplanet Single-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 single-phase, transformerless units. Newly developed the Blueplanet single-phase grid tied Inverter is light and easy to install fulfilling every requirement expected of modern solar PV inverters for use in residential PV systems.



- 2 wide range MPPTs
- Lightweight and easy to mount
- Convenient AC and DC cabling with plug-in connectors
- Integrated data logger with web server
- Graphical display, intuitive menu navigation
- Optional self use of solar power function
- Peak efficiency greater than 96%
- Natural convection cooling
- IP54 Protection
- 5 year warranty

Model	3.0 TL1 M2	4.0 TL1 M2	5.0 TL1 M2
MPPT range	140V-510V	185V-510V	235V-510V
Operating Range	125V-550V		
Min DC Voltage (Starting Voltage)	125V / 150V		
No-load Voltage	600V		
Max Input Current	1 x 11A	2 x 11A	
Number of MPPTs	2		
Max Power/Tracker	3.1kW	4.1kW	5.1kW
Number of Strings	2		
AC Rated Output	3 000 VA	4 000 VA	5 000 VA
Supply Voltage	230 V (1 / N / PE)		
Rated Current	13.0 A	17.5 A	21.7 V
Rated Frequency	50 Hz		
Cos Phi	0.30 Inductive / 0.30 Capacitive		
Number of Grid Phases	1		
Max Efficiency	97.2%		
Night Consumption	3 W		
Circuitry Topology	Transformerless		
Dimensions (h x w x d)	560 x 367 x 227 (mm)		
Weight	16.5kg	18kg	