

Kaco Blueplanet Hybrid 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 Hybrid Inverter. The Blueplanet gridsave eco 5.0 TR1 is the intelligent energy manager for private, and small-scale commercial purposes in both grid-parallel and off-grid operation. As a perfect mediator between the feed-in inverter, the PV system, the lead-based battery and the public grid, it ensures optimum self-consumption of your solar power.



- Flexible integration in existing systems
- Variable battery capacity, can be used with all types of lead batteries
- Convenient set-up and visualization via PC access
- Acoustic warnings
- Grid monitoring with switch-over to emergency power supply without virtually any interruption in the event of a grid failure
- Off-grid capacity (single and three phase)
- Peak efficiency of 96%
- IP43 Protection
- 5 year warranty

Model	Gridsave Eco 5.0 TR1
Rated Output Power	5 kVA
Peak Output Power	12 kVA
Max Power of AC-coupled Solar Inverter	10 kVA
Battery Voltage (nominal)	48V
DC Input Voltage Range	40V - 68V
Charging Current	104 A
Rated Current	22 A
Rated Frequency	50 Hz
THD	<3%
AC transfer current capacity	32 A
Switching Time	< 30 ms
Max Efficiency	96%
Stand-by Losses	8 W
EMC	EN 61000.6.3:2007
Dimensions (h x w x d)	690 x 375 x 220mm
Weight	40kg