

RESEARCH & DEVELOPMENT

- Dedicated team of R&D specialists who have pioneered local innovation
- Design specialised and customised products according to client requirements
- Clients include: Large manufacturers, Banks, Universities, Municipalities, IT industry, Telecoms giants, Solar Panel and Battery Manufacturers

SPECIALISED PRODUCTS



Three-Phase Solar Pump Controller

- Driven by the Microcare MPPT
- Available in 1.5 & 5.5kW versions
- Programmable operation



Microcare Battery Monitor

- All-In-One site management system
- Monitors MPPT's and Inverters
- Data logger, remote display and power analyzer
- Monitors multiple channels of sensors



Web Logger

- Collects data from the Battery Monitor, Inverters & MPPTs
- Data uploaded and logged to a secure server via the internet
- Easy access, graphed and monitored from any location



Informal Settlement Power Supply

- Charge cell phones, power up lights & small 12V appliances.
- Built in MPPT
- Enclosed battery storage

TRAINING

Microcare offers three Solar Training Courses:

- *Intro to Solar Course:*
Basic solar concepts and system design
- *Microcare Solar Course:*
Connection options, sizing a system, functions of the products
- *Practical Solar Course:*
Programming the products, wiring up a Microcare installation and troubleshooting

TECH SUPPORT

- Helpful after sales service
- Real-Time Technical Support offered telephonically or via email
- Assist with technical queries regarding installation, compatibility and troubleshooting to ensure your Microcare product operates efficiently
- FAQs and Technical Tips available on our website

CONTACT US

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MICRO CARE

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Solar components manufactured in South Africa since 1990

With sight on the growing renewable energy market, Microcare manufactures a wide range of solar solutions and specialised products, customised to meet your requirements.

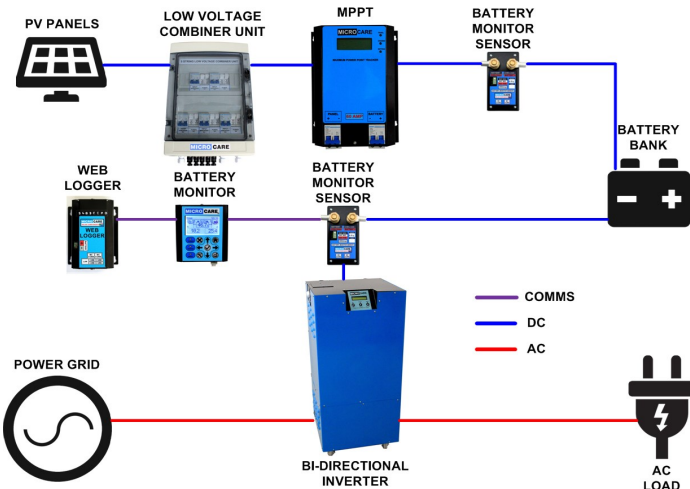
From concept design to product development and manufacturing, Microcare products are made by South Africans, for South Africans.

Choose Solar. Choose Local.
Choose Microcare

PURE SINE WAVE INVERTERS



- Available for 12/24/36/48 (V_{DC}) systems
- Output power from 1kW – 15kW
- Low standby power
- High surge capacity for motor start
- Timed overload capacity with auto shutdown
- Short circuit protection
- Built in high rate and multi-stage battery charger
- Fan cooled
- LCD Display with audible buzzer indicating faults, overloading and status



MAXIMUM POWER POINT TRACKERS



- Automatic battery voltage detection (12 - 48V)
- Input panel voltage (20-150V_{OC})
- Circuit Breaker Protection
- Real-Time information display
- Data logging capability
- Programmable features for the following accessories:
 - Battery/Temperature Sensors,
 - Daylight Switch and Relay Interface.
 - Radio Link.
- Advanced Power Point Tracking Algorithm
- Peak efficiency greater than 96%

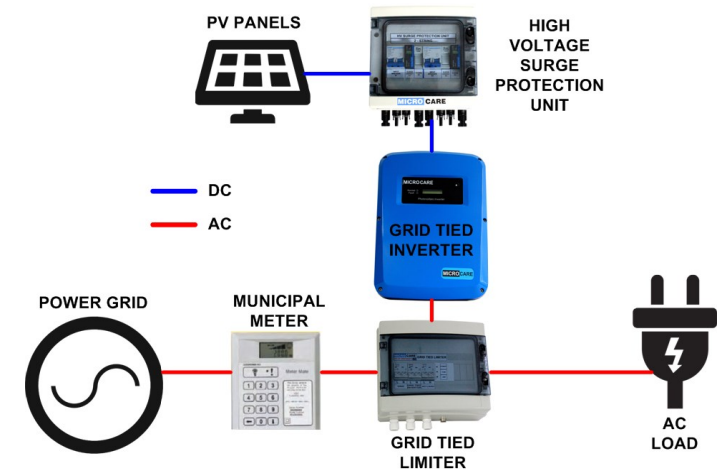
GRID TIED INVERTERS



- Peak Efficiency of 97.6%
- LCD display with backlight
- Standby current <5W
- MPPT input range of 110 - 550V
- Integrated multi-communication interfaces
- VDE and CE certifications
- Complies with local NRS 097-2-1 regulations
- IP65 Protection Rating
- 7 Year Warranty

WHY BUY MICROCARE?

- Quality South African products
- More than 25 years of experience
- Designed and Developed by South Africans for South Africans
- Innovation Driven
- Local Technical support
- Creating jobs, developing skills
- Over 250 Distributors nationwide
- Worldwide exporting



QUALITY SOLAR COMPONENTS MANUFACTURED IN SOUTH AFRICA SINCE 1990