

Mobile 1.2kVA Long Run UPS

The Microcare 1.2kVA UPS was designed as an easy plug in solution for loadshedding and back up power for domestic and business applications. It is designed with the Microcare Inverter software to improve the automatic change over from the grid to the Inverter. Our cutting edge software innovations allow for uninterrupted supply to a range of applications from a sensitive server room to heavier industrial machines. The UPS is able to anticipate load failure and pre-charges the circuits for rapid transfer of power and change-over. When the grid returns with a fluctuating voltage, the Microcare UPS/Inverter can delay to a set connection time to avoid load damage. The system can run at 200% the capacity continuously when the grid is present and should the grid fail, the Inverter will return to its rated power.



- Available for 24 (VDC) systems
- Output power 1kW (2kW with mains)
- LCD display and low idle current
- High surge capacity for motor start
- Timed overload capacity with auto shutdown
- 3-Attempt auto restart with short circuit protection
- Built in, high rate, multi-stage battery charger
- Minimum local service turnaround time with a 3 year warranty
- Fan cooling for optimum performance and component longevity
- Audible buzzer indicating faults, overload and status

Capacity	Watt	1000W
Input	Voltage range (V _{DC})	20 – 30V
	Peak current draw (I _{DC})	55A
	Standby power draw (W)	<10W
Output	Voltage (V _{AC})	230V
	RMS current supply (I _{AC})	7 (14A on grid)
	Peak Power	200% on battery
	Voltage regulation	<3% for full range
	Frequency (Hz)	50Hz
	Power factor	1
	Wave form	Pure Sine Wave
	Peak efficiency (%)	<94%
	Overload protection	Programmable Overload Levels and Auto Retry
Charger	Voltage float (V _{DC})	27.6V
	Voltage boost (V _{DC})	28.6 – 31V (Selectable)
	Boost Time (Hours)	1-3 Selectable
	Peak Current (I _{DC})	25A