

1kW | 2kW Mobile Pure Sine Wave UPS

The Microcare Mobile Pure Sine Wave 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 latest 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.



- Available in two models:
 - 1kW 24V and 2kW 24V units
- Designed to run off 2 x 105Ah 12V Batteries
- LCD display and low idle current
- High surge capacity for motor start
- Timed overload capacity with auto shutdown
- 3-Attempt auto restart
- Short circuit protection
- Built in, high rate, multi-stage battery charger
- Local service turnaround time
- 5 year warranty
- Fan cooling for optimum performance & component longevity
- Mounted on wheels for mobility
- Audible buzzer indicating faults, overload and status

	WATT	1kW 24 V	2kW 24V
CAPACITY	Voltage range (Vdc)	20 – 30v	
DC INPUT	Peak current draw (Idc)	55A	110A
	Standby power draw (W)	<10W	<19W
	Voltage (VAC)	230V	
OUTPUT	RMS current supply (IAC)	7 (14A on grid)	14 (28A on grid)
	Peak Power	200% on battery	
	Voltage regulation	< 3% RMS for full battery voltage range	
	Frequency (Hz)	50Hz	
	Power factor	1	
	Wave form	Pure Sine Wave	
	Peak efficiency (%)	< 94%	
	Overload protection	Programmable Overload Levels & Auto Retry	
CHARGER	Voltage float (V _{DC})	27.6V	
	Voltage boost (V _{DC})	28.6 – 31V (Selectable)	
	Peak Current (Idc)	25A	50A
	Boost Time (Hours)	1 – 3 hrs (Selectable)	
SIZES	Suitable Batteries	2 x 105Ah 12V Batteries	
	Dimensions (l x h x w)	63 x 40 x 36cm	