



UPS Systems engineered for [home]



SOHO SOLUTIONS FOR THE HOME

SINEWISE INVERTER SERIES

1000VA-5000VA

Load Shedding Solution

Pure sine-wave output

Built-in solar PV input



Pure sine-wave inverters, manufactured for reliability, affordability and availability.

GENERAL SPECIFICATIONS

- Pure sine-wave output
- Built-in solar PV input
- 5kVA units can be paralleled to increase available power
- Smart & powerful battery charger to optimise battery performance
- Can be connected to home appliances and personal computers for uninterruptible power
- Cold Start Function
- Intuitive LED screen

TECHNICAL SPECIFICATIONS

We offer complete inverter back-up solutions from establishing your requirements, formulating the right solution to meet your needs to a neat, professional and complete installation. The Sine-wise inverter installations are implemented with careful attention to detail and in such a way that the **lights always stay on during load-shedding**, ensuring your power back-up investment remains protected for many years.

The system is designed and installed in your home or business in such a way that it will take up minimal floor space, making it relatively inconspicuous and aesthetically pleasing.

Below are a few examples of Uptech's recent installations:



5kVA Inverter with SB DB for dedicated circuits



5kVA Inverter in home garage with dual battery cabinets



Dual 3kVA Inverter installation with Sb-DB



3kVA Inverter installed on shelf above main DB

MODEL	SW1000	SW3000	SW5000
Rated Power	1000 Watts	3000 Watts	5000 Watts
INPUT			
Voltage	230Vac		
Selectable input Voltage range	170-280 Voe		
Frequency Range	50Hz		
OUTPUT			
AC Voltage (battery mode)	230Vac ±5%		
Surge Power	2000VA	6000VA	10 000VA
Efficiency	90%	93%	93%
Transfer Time	10-20 mins		
Wave Form	Pure sine wave		
BATTERY			
Battery Voltage	12Vdc	24Vdc	48Vdc
Floating Charge Voltage	13.5Vdc	27Vdc	54Vdc
SOLAR CHARGER & AC CHARGER			
Maximum PV array open Circuit Voltage	40Vdc	60Vdc	105Vdc
Standby Power Consumption	1W	2W	2W
Maximum Solar Charge Current	50A		
Maximum charge current - Utility OK	10A or 20A	20A or 30A	60A
PHYSICAL			
Dimensions D x W x H (mm)	95 X 240 X 316	100x 272 x 355	120 X 295 X 468
Net Weight (Kg)	5.0	6.9	9.8
OPERATING ENVIRONMENT			
Humidity	5% to 95% relative Humidity (non-condensing)		
Temperature	0 to 55 C		