

# TERA POWER

LINE - INTERACTIVE UPS  
850 VA

## General introduction

This UPS is specially designed for Personal Computer with multi-functions. Its light weight, compact design perfect fits to the limited working environment. The line of UPS is equipped with one boost and one buck AVR to stabilize input voltage range. It is also built-in with DC start function. This function enables the UPS to be started up without AC power supply. Although it's a small UPS, the main features of UPS are listed below:

## Features

- Line Interactive UPS with simulated sinewave output
- Excellent microprocessor control guarantees high
- reliability (internal self-diagnostic technology)
- Boost and buck AVR for voltage stabilization
- (wide input range with tow boost and one buck control)
- Auto restart while AC is recovering
- Cold start function
- Off-mode charging
- Fast intelligent battery recharge function
- Generator compatible
- LED panel



## LED display



## Rear Panel

1. AC input
2. Output socket
3. USB & RJ11 communication



# TERA POWER

## 850 VA

### Technical specification

|                                          |                                                                       |
|------------------------------------------|-----------------------------------------------------------------------|
| <b>Model</b>                             | Tera Power 850 va                                                     |
| <b>Capacity</b>                          | 850 va / 510 W                                                        |
| <b>INPUT</b>                             |                                                                       |
| <b>Voltage</b>                           | 220/230/240Vac                                                        |
| <b>Voltage Range</b>                     | 140-300Vac                                                            |
| <b>Frequency</b>                         | 50 / 60 Hz (auto-sensing)                                             |
| <b>OUTPUT</b>                            |                                                                       |
| <b>AC Voltage Regulation (Batt.Mode)</b> | ± 10%                                                                 |
| <b>Frequency Range</b>                   | 50 / 60 Hz ± 1% (auto-sensing)                                        |
| <b>Waveform</b>                          | Simulated Sinewave                                                    |
| <b>Transfer time</b>                     | Typical 2 ~ 7 ms, 10 ms max.                                          |
| <b>BATTERIES</b>                         |                                                                       |
| <b>DC voltage</b>                        | 12VDC                                                                 |
| <b>Inbuilt battery</b>                   | 12V/8Ah X1                                                            |
| <b>Recharge time</b>                     | 4~6 hours recover to 90 % capacity                                    |
| <b>INDICATORS</b>                        |                                                                       |
| <b>LED Display</b>                       | AC Mode , Battery Mode , Overload , Fault                             |
| <b>ALARM</b>                             |                                                                       |
| <b>Battery mode</b>                      | Sounding every 10 seconds                                             |
| <b>Low Battery</b>                       | Sounding every second                                                 |
| <b>Overload</b>                          | Sounding every 0.5 second                                             |
| <b>Battery Replacement Alarm</b>         | Sounding every 2 seconds                                              |
| <b>Fault</b>                             | Continuously sounding                                                 |
| <b>OTHERS</b>                            |                                                                       |
| <b>Protections</b>                       | Short circuit - battery overcharge - overdischarge - overload - surge |
| <b>Humidity</b>                          | 0 ~ 90 % RH @ 0 ~ 40 (non-condensing)                                 |
| <b>Noise level</b>                       | ≤ 45 dB (1 m)                                                         |
| <b>Dimensions (W×D×H) (mm)</b>           | 298x101x142                                                           |
| <b>Net weight (kg)</b>                   | 4.9                                                                   |

“Specifications are subject to change without prior notice.”