

## **LEO PLUS** LED - LCD

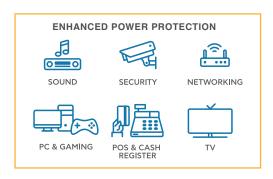
## 650-2000 VA

The new Tescom Line-Interactive UPS series with simulated sine voltage technology, are capable of protecting various electronic applications. They include a state of the art microprocessor for enhanced control and integrated AVR for voltage stabilisation that offers great reliability and safety. Their compact, modern design makes them the ideal for home and business use. The LEO PLUS UPS protects devices such as PC, router-modem, TV, Video game consoles, telephones, cash registers and many other, from dangerous surges, sinks and power outages.



1 phase in / 1 phase out





## GENERAL SPECIFICATIONS

- Line Interactive Technology with Microprocessor controller
- Easy-to-read LCD monitor for monitoring operation, battery status and power (LCD models)
- ABM technology that increase the life of the batteries Short circuit and / FAX protection
- Free software for monitoring, management, automatic storage and closing of supported equipment (LCD Models)
- Automatic frequency detection 50 / 60Hz
- Light and compact design
- Wide input voltage range
- Power-on self test
- Cold start

- Auto restart when mains power is restored
- Auto track mains phase to ensure that inverter output voltage has same phase with utility voltage, reducing transfer time and peak surge
- Intelligent battery management: battery temperature compensation to extend the battery life; three-stage charging to shorten recharge time
- Short circuit, battery overcharge / overdischarge, overload, surge protections
- Automatic charging in OFF mode
- Optional no-load shutdown
- Optional RS232 / USB communication port and RJ11 / RJ45 protection
- Unattended safety shutdown: system alarm and auto Power-On / Off by RS232 or USB interface communicating with PC





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LINE INTERACTIVE 1 phase in / 1 phase out 650-2000 VA



| MODEL   |   | Leo Plus 650VA  | Leo Plus 850VA  | Leo Plus 1200VA | Leo Plus 1500VA | Leo Plus 2000VA |
|---|---|---|-----------------|-----------------|-----------------|-----------------|
| Capacity  |   | 650VA / 390W  | 850VA / 480W    | 1200VA / 720W   | 1500VA / 900W   | 2000VA / 1200W  |
| INPUT   |   |   |                 |                 |                 |                 |
| Voltage   |   | 100 / 110 / 120 V: 80 $\sim$ 150 Vac; 220 / 230 / 240 V: 162 $\sim$ 295 Vac (145 $\sim$ 295 Vac optional)   |                 |                 |                 |                 |
| Frequency   |   | 50 / 60 Hz ± 10% (auto-sensing)   |                 |                 |                 |                 |
| OUTPUT  |   |   |                 |                 |                 |                 |
| Voltage   |   | 100 / 110 / 120 Vac $\pm$ 10% or 220 / 230 / 240 Vac $\pm$ 10% 50 / 60 Hz $\pm$ 1% (auto-sensing)  Mains mode: pure sine wave Battery mode: simulated sine wave Typical 2 $\sim$ 7 ms, 10 ms max. |                 |                 |                 |                 |
| Frequency   |   |   |                 |                 |                 |                 |
| Waveform  |   |   |                 |                 |                 |                 |
| Transfer time   |   |   |                 |                 |                 |                 |
| BATTERIES   |   |   |                 |                 |                 |                 |
| DC voltage  |   | 12 V  |                 | 24 V            |                 |                 |
| Configuration   |   | 12 V / 7 Ah × 1   | 12 V / 9 Ah × 1 | 12 V / 7 Ah × 2 | 12 V / 9 Ah × 2 | 12 V / 9 Ah × 2 |
| Recharge time   |   | 6 ~ 8 h   |                 |                 |                 |                 |
| COMMUNICA   | ATIONS  |   |                 |                 |                 |                 |
| USB (optional) Supports Windows® 98 / 2000 / 2003 / XP / Vista / 2008 / Windows® 7 / 8 / 10 |   |   |                 |                 |                 |                 |
| OTHER SPEC  | S   |   |                 |                 |                 |                 |
| Protections   |   | Short circuit - battery overcharge - overdischarge - overload - surge   |                 |                 |                 |                 |
| Humidity  |   | 20 ~ 90% RH @ 0 ~ 40°C (non-condensing)   |                 |                 |                 |                 |
| Noise level   |   | ≤ 40 dB (1 m)   |                 |                 |                 |                 |
| Plastic Case  | Net / Gross<br>weight (kg)  | 4.2 / 4.6   | 5.0 / 5.4       | 9.4 / 9.9       | 9.8 / 10.3      | /               |
|   | Dimensions<br>(W × D × H)<br>(mm)   | 90 × 305 × 165  |                 | 115 × 320 × 220 |                 | /               |
|   | Packaged dimensions (W × D × H) (mm)  | 133 × 349 × 232   |                 | 161 × 369 × 290 |                 | /               |
|   | Quantity /<br>20ft  | 2300 pcs  |                 | 1400 pcs        |                 | /               |
| Metal Case  | Net / Gross<br>weight (kg)  | /   |                 | /               |                 | 12.9 / 13.3     |
|   | $\begin{array}{c} \text{Dimensions} \\ \text{(W} \times \text{D} \times \text{H)} \\ \text{(mm)} \end{array}$ | /   |                 | /               |                 | 125 × 380 × 225 |
|   | Packaged dimensions (W × D × H) (mm)  | /   |                 | /               |                 | 180 × 450 × 295 |
|   | Quantity / 20ft   | 1   |                 | /               |                 | 1000 pcs        |

<sup>\*</sup>All specifications are subject to change without notice.



