

# LTM Series UPS

## 650-1250 VA



### "Line-Interactive"

#### RELIABLE & USER FRIENDLY

- ⌚ Automatic voltage regulation (AVR)
- ⌚ Low transfer time (<5ms)
- ⌚ Cold start
- ⌚ Energy-saving sleep mode
- ⌚ Overload, short circuit, lightning and surge protection
- ⌚ Extended battery life with intelligent battery management
- ⌚ LED operation mode indicator
- ⌚ Battery mode, low battery capacity, overload and fault alarm
- ⌚ USB communication (standard for 1000-1250VA)
- ⌚ RS232 communication (optional for 1000-1250VA)
- ⌚ Remote monitoring and management software
- ⌚ Silent operation
- ⌚ Easy installation
- ⌚ 10 years spare part warranty
- ⌚ 7/24 technical support and customer service

#### STANDARDS

- ⌚ EN 62040-1 (Safety), EN 62040-2 (EMC)
- ⌚ TSEK, CE, ISO 9001:2008, ISO 14001, KEMA, GOST



# LTM Series UPS

## 650-1250 VA

| TECHNICAL SPECIFICATIONS    | LTM Series  |                                  |                 |            |
|-----------------------------|---|----------------------------------|-----------------|------------|
| Power (VA)                  | 650   | 850                              | 1000            | 1250       |
| <b>INPUT</b>                |   |                                  |                 |            |
| Voltage                     | 220 / 230 Vac   |                                  |                 |            |
| Voltage tolerances          | -25% / +20%   |                                  |                 |            |
| Frequency                   | 50 / 60 Hz  |                                  |                 |            |
| Frequency tolerances        | ± 10%   |                                  |                 |            |
| <b>OUTPUT (on mains)</b>    |   |                                  |                 |            |
| Voltage                     | 220 / 230 Vac   |                                  |                 |            |
| Voltage tolerances          | ± 10%   |                                  |                 |            |
| Frequency                   | 50 / 60 Hz  |                                  |                 |            |
| Frequency tolerances        | ± 10%   |                                  |                 |            |
| <b>OUTPUT (on battery)</b>  |   |                                  |                 |            |
| Voltage                     | 220 / 230 Vac (modified sine wave)                                    |                                  |                 |            |
| Voltage tolerances          | ± 5%  |                                  |                 |            |
| Frequency                   | 50 / 60 Hz  |                                  |                 |            |
| Frequency tolerances        | ± 0.5%  |                                  |                 |            |
| Power factor                | 0.5   |                                  |                 |            |
| <b>OVERLOAD CAPACITY</b>    |   |                                  |                 |            |
| 110%                        | Continuously  |                                  |                 |            |
| 125%                        | 60 sec.   |                                  |                 |            |
| 150%                        | 10 sec.   |                                  |                 |            |
| > 150%                      | 3 sec.  |                                  |                 |            |
| <b>GENERAL</b>              |   |                                  |                 |            |
| Technology                  | Line-interactive  |                                  |                 |            |
| Control                     | Microprocessor  |                                  |                 |            |
| Communication               | not available   | USB (standard), RS232 (optional) |                 |            |
| Transfer time               | < 5ms   |                                  |                 |            |
| Remote monitoring           | UPSilon   |                                  |                 |            |
| Cold start                  | Standard  |                                  |                 |            |
| Power inlet                 | IEC320-C13/C14  |                                  |                 |            |
| Power outlet                | 1 x F-type  |                                  |                 | 4 x F-type |
| Recharge time               | 6h (up to 90% capacity)   |                                  |                 |            |
| <b>ENVIRONMENT</b>          |   |                                  |                 |            |
| Operating temperature       | from 0 °C up to +40 °C (from 20 °C to 25 °C for maximum battery life) |                                  |                 |            |
| Relative humidity           | 0% - 85% (without condensation)                                       |                                  |                 |            |
| Maximum altitude            | 2000 m  |                                  |                 |            |
| Noise level                 | < 45 dB (A)   |                                  |                 |            |
| <b>UPS CABINET</b>          |   |                                  |                 |            |
| Dimensions (W x D x H) (mm) | 100 x 310 x 140   |                                  | 146 x 349 x 163 |            |
| Weight (kg)                 | 5   | 5.6                              | 8,8             | 9.1        |
| Degree of protection        | IP20  |                                  |                 |            |
| Colour                      | RAL7012   |                                  |                 |            |
| Battery quantity            | 1   |                                  | 2               |            |
| Battery capacity (Ah)       | 7   | 9                                | 7               | 7/9        |
| <b>STANDARDS</b>            |   |                                  |                 |            |
| Certificates                | EN 62040-1 (Safety), EN 62040-2 (EMC)                                 |                                  |                 |            |
| <b>UPS LIFETIME</b>         |   |                                  |                 |            |
| 10 YEARS                    |   |                                  |                 |            |

ELEN reserves the right to make any changes to data without prior notice.

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