# 700 VA to 2.1 kVA SINGLE PHASE

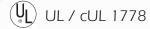
# **Model LTN**

## **Uninterruptible Power System**

Designed to be used with linear or non-linear load applications.

#### Applications:

- Indoor / Outdoor Security Systems
- Security Cameras / Surveillance Networks
- Parking Structures / Garages / Tollgates
- Traffic Signals
- Mass Transit
- Industrial / Automated Process Control
- Pump Stations
- Water Treatment Facilities
- Irrigation Systems
- Transmission Repeaters
- Supervisory Control and Data Acquisition (SCADA)
- Telecommunications
- Cell-Phone Towers









Controlled Power Company engineers and manufactures the industry's highest quality **uninterruptible power systems**, capitalizing on 3 decades of expertise. We have an enviable reputation for quality, which is reflected in the design, workmanship, and performance of our products.

#### Features & Benefits

- Uninterrupted, regulated, continuous sinewave output
- Integral constant voltage transformer isolates and regulates output voltage
- Integral status and alarm panel
- Remote communications via alarm signals or RS232
- Integral battery options consult factory for specific runtimes
- Front-access design
- Wall or floor-mounted options consult factory
- NEMA 2 enclosure (standard).
- Optional outdoor-rated NEMA 3R enclosure.
   Powder-coated, UV-rated paint is standard. Stainless steel enclosure is optional consult factory.
- Optional output circuit breakers, remote status panel, accelerated battery charger, and automatic phone dialer.
- Generator-compatible

## Safety

• UL / cUL 1778 Uninterruptible Power Supply Equipment

#### **Standards**

- UL / cUL 1778
- NFPA 70 National Electric Code
- ANSI / IEEE C62.41 Category B3
- FCC Article 15, J, Class A

## **Display Monitor & Diagnostics**

#### **Bright, 3-Digit LED Provides System Parameters:**

- Input voltage
- Percent of battery capacity
- Output voltage
- Percent of battery charged
- Percent of load

#### **LED Indicators Provide System Status:**

- System ON (Green)
- LOW BATTERY Warning (Red)
- System ON BATTERY (Yellow) ALARM (Red)

## **Product Specifications**

- Input Operating Voltage Range: +10%, -40% typical, load-dependent, without battery usage
- Input Frequency: 60 Hz, ± 2.5%
- Output Sine Wave Voltage: Maximum 3% harmonic distortion, any single harmonic
- Load Regulation: Typically better than ± 3%
- Output Line Voltage Regulation: Typically better than ± 3%
- Isolation: Galvanio
- Standard Unit Operating Temperature: 0° C to +40° C
- Outdoor-rated Unit Operating Temperature:
  - -35° C to +55° C
- Total System MTBF: 100,000 hours
- Common Mode: 120 dBTransverse Mode: 70 dB
- Efficiency 89%

LTN MODEL NUMBERS									
MODELS	WATTS	INPUT VAC 60 HZ	OUTPUT VAC 60 HZ	BATTERY RUNTIMES (FULL / HALF LOAD)	BTU'S / HOUR	WEIGHT (LBS.)*			
LTN700	500	120, 208, 240	120, 120/208, 120/240	22.5m / 1h thru 7h / 14h	256	223			
LTN850	600	120, 208, 240	120, 120/208, 120/240	18m / 48m thru 5h 30m / 10h 30m	307	223			
LTN1000	700	120, 208, 240	120, 120/208, 120/240	13m / 30m thru 3h 48m / 7h 55m	359	238			
LTN1200	850	120, 208, 240	120, 120/208, 120/240	12m / 27m thru 3h 36m / 7h	435	257			
LTN1400	1000	120, 208, 240	120, 120/208, 120/240	8m / 23m thru 2h 49m / 5h 50m	512	257			
LTN1600	1200	120, 208, 240	120, 120/208, 120/240	7m / 17.5m thru 2h 26m / 5h 7m	614	257			
LTN1800	1300	120, 208, 240	120, 120/208, 120/240	9.5m / 26m thru 2h 18m / 4h	665	267			
LTN2100	1500	120, 208, 240	120, 120/208, 120/240	7.5m / 21.5m thru 2h 5m / 3h 47m	767	267			

Notes: \*Cabinet weight only; does not include weight of batteries. Battery weights vary according to desired runtimes.

Battery runtimes: m = minutes, and h = hours. Dependent on battery option purchased. Battery runtimes stated above reflect standard minimum and maximum options. Consult factory.

Product dimensions are 39" H x 31" W x 16.6" D.

<b>(X)</b>	CONTROLLED	<i>POW≣R</i>	COMP/NY

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