

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

 UL / cUL 1778



Standard NEMA 2 enclosure shown.



CONTROLLED POWER COMPANY

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

LED Indicators Provide System Status:

- System ON (Green)
- System ON BATTERY (Yellow)
- LOW BATTERY Warning (Red)
- 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: Galvanic
- 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 dB
- Transverse 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.



1955 Stephenson Hwy. Troy MI 48083
 www.controlledpwr.com
 email: info@controlledpwr.com
 Phone: (248) 528-3700 Fax: (248) 528-0411
 Call Toll Free: (800) 521-4792

Represented by:

