Series 1000 Single Phase Rack Or Floor Mount UPS

EXCEPTIONAL PERFORMANCE

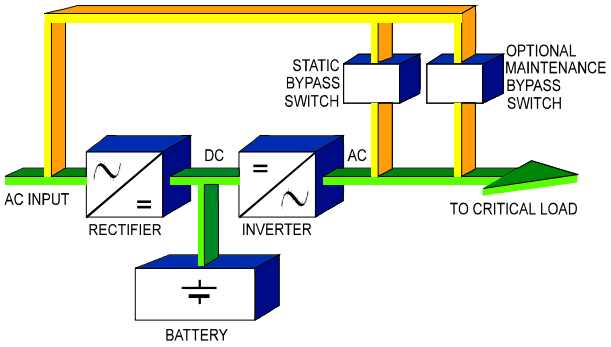
QUALITY POWER PROTECTION FOR ANY TYPE OF CRITICAL LOAD: Mainframe Computers, Servers, Factory Process Controls, Motors, and Telecommunication Equipment.

STANDARD PERFORMANCE FEATURES

- **True "On-Line" Technology**
- **Pure Sine Wave Output**
- **Industrial Grade Construction**
- **True Zero Break Transfers**
- **Full Load Rated Static Switch**
- **Fast Recovery Robust Battery Charger**
- **Front Access for Installation and Service**
- **Reliable Low Maintenance Design**
- **Redundant Fault-Tolerant Circuitry**
- **Mounts In A Standard 19" or 23" Rack**
- **Perfect For Office or Industrial Installation**
- **Highest Quality Components**
- **Easy To Operate User Friendly Display**
- **Less Than 1% Total Harmonic Distortion**
- **Kilowatt-Power Rated**
- **Low Audible Noise**
- **Seismic Zone 4 Construction**
- **Handles Crest Factor Of Up To 5:1**
- **Multiple Voltage Configurations**
- **Adapts Easily To Custom Applications**
- **Rack Mount and Floor Mount Models**

UPS MODELS

3KW/3.75KVA, 5KW/6.25KVA, 7.5KW/9.37KVA, AND 8KW/10KVA



True, on-line double conversion protects against power loss and eliminates spikes, noise and other power line anomalies.

Unsurpassed Performance

TRUE DOUBLE CONVERSION DESIGN - LTI Power Systems On-line UPS transforms contaminated incoming power into a precise, regulated, clean alternating current (AC). This pure AC power is continuously supplied to your critical load, extending its life by protecting against electrical noise, spikes, surges, sags, brownouts, and blackouts, and even lightning strikes.

Series 1000 Single Phase Rack Or Floor Mount UPS

Electrical Specifications

Model Type	LT1030	LT1050	LT1075	LT1080
Max. Output Power (VA) @ .8 PF.	3,750	6,250	9,375	10,000
Max. Output Power (Watts) (60Hz)	3,000	5,000	7,500	8,000
(50Hz)	2,400	4,000	6,000	6,400

Input	
Nominal Input Voltage (60Hz) (50Hz)	120, 208, 220, 240vac 220, or 240vac
Input Voltage Range (50 & 60Hz)	+15%, -25% (without using batteries)
Input Frequency Range	45-65Hz
Power Walk-in	5 seconds to full load
Input/Output Power Connections	Hardwire Connection Standard

Output	
Nominal Output Voltage (60Hz)	120 (Note 2), 120/208 (Note 3), 110/220 or 120/240VAC
(50Hz)	220, 230 or 240VAC
Output Voltage Regulation	(Steady State): ± 1% for all line and load conditions (Dynamic): ± 2% from nominal for 100% load steps
Output Voltage THD	Will not exceed 1% for Linear Loads and 3% for Non-Linear Loads
Maximum Load Crest Factor	± 5:1
Output Frequency Stability	± 0.01% from nominal
Slew Rate	1Hz/second maximum
Output Sync. Window	± 2%
Typical Efficiency	83%
(50% Load)	83%
(100% Load)	84%
Overload Ratings	(0.8 load pf.) 110% - Indefinite 125% - 10 minutes 150% - 60 seconds (1.0 load pf.) 120% - 15 seconds 125% - 8 seconds
Surge Withstand	Passes IEEE 587/ANSI CG2.41 Category A

Battery	LT1030	LT1050	LT1075	LT1080
Voltage (VDC)	120	120	120	120
DC Amps @ 100% Load	29	48.3	72.5	77.3
Recharge Time	< 1 Hour to 90% Charge Level after Complete Discharge			

Environmental	LT1030	LT1050	LT1075	LT1080
Dimensions W/D/H (in.)	17/18/32.25	17/18/32.25	17/18/32.25	17/18/32.25
(cm)	43/46/82	43/46/82	43/46/82	43/46/82
Weight w/Internal Battery (lbs./kg)	290/132	310/141	335/152	475/215
Heat Rejection (1.0 pf Load)	2100 BTU/hr	3500 BTU/hr	5250 BTU/hr	5,460 BTU/hr
Operating Temperature	0-40°C (32°F to 104°F)			
Humidity	0-95% Non-Condensing			
Audible Noise	<50 dbA @ 1 Meter			

Note: All data is subject to change without notice

LTI Power Systems is a ISO9001-2000 listed manufacturer

LTI Power Systems • 10800 Middle Ave., Bldg. B • Elyria, OH 44035

Phone (440) 327-5050 • FAX (440) 458-8140 • www.ltipowersystems.com