



Industrial UPS 3 to 18kVA Floor Mount

Series 1000 UPS Features

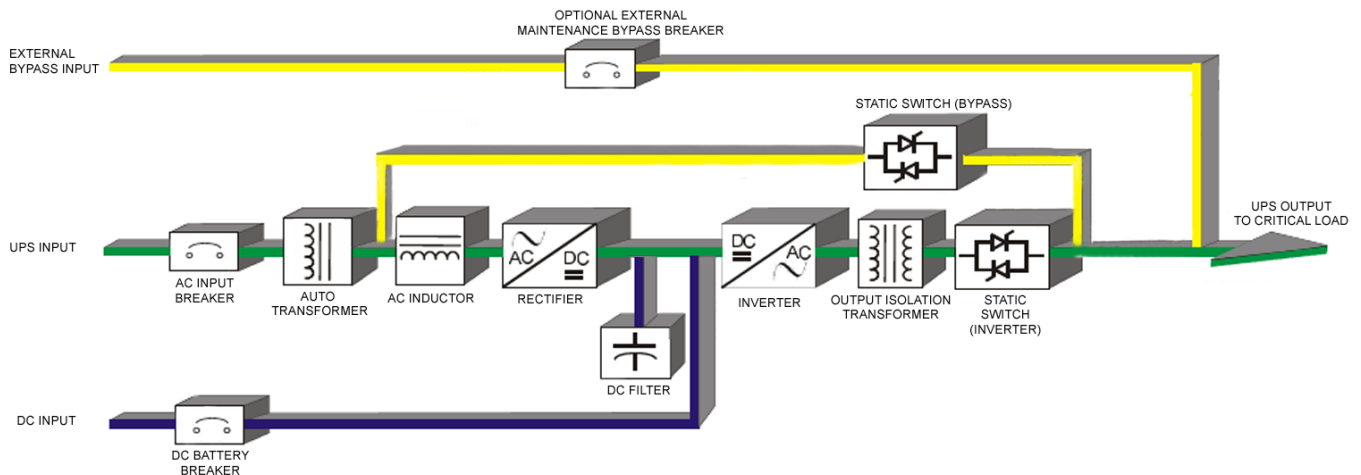
- True On-line Technology for Maximum Power Protection
- Input to Output Isolation
- True “Zero Break” Fully Rated Solid State Static Transfer Switch Standard
- Pure Sine Wave Output
- Transistor Power Block Technology
- Quick Recovery Battery Charger
- Less than 1% Output THD
- Redundant Fault Tolerant Circuitry
- Handles 5:1 Crest Factor Loads
- Casters and Leveling Feet
- Low Audible Noise
- 20 Year Design Life
- Seismic Zone 4 Construction
- User-Friendly Display
- ANSI 61 Gray Powder Coat Finish
- Variable Speed Redundant Cooling System
- Built to Meet UL1778, NEMA, NEC, ANSI and FCC Standards



Available Sizes:
3kW / 3.75kVA,
5kW / 6.25kVA,
7.5kW / 9.37kVA
8kW / 10kVA
10kW / 12.5kVA
15kW / 18.75kVA

OPTIONS

- ⇒ Multiple Voltage Outputs Available
- ⇒ 50Hz/60Hz Models
- ⇒ External Maintenance Bypass Switch
- ⇒ Input/Output Cords and Receptacles
- ⇒ Form C Alarm Interface Contacts
- ⇒ Digital Meter Panel
- ⇒ Extended Runtime Battery Packs
- ⇒ Frequency Meter
- ⇒ Surge Suppression Kit
- ⇒ Manual Transfer Pushbutton
- ⇒ Equalize Timer Kit
- ⇒ Emergency Power Off
- ⇒ Dual Input Kit
- ⇒ Network Communications Kit
- ⇒ Spare Parts Kits
- ⇒ Customizable Designs for Unique Applications





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3 to 18kVA Floor Mount

Technical Specifications						
	LT1030	LT1050	LT1075	LT1080	LT1100	LT1150
Max. Output Power (VA) @ .8 PF	3,750	6,250	9,375	10,000	12,500	18,750
Max. Output Power (Watts) (60Hz)	3,000	5,000	7,500	8,000	10,000	15,000
Max. Output Power (Watts) (50Hz)	2,400	4,000	6,000	6,400	8,000	12,000
INPUT						
Nominal Input Voltage (60Hz)	120, 208, 220, 240 VAC		110, 120, 208, 220, 240, 480VAC		208, 240, 480 VAC ² 1PH 208, 240, 480VAC ² 3PH	
Nominal Input Voltage (50Hz)	110, 120, 220, 230, 240 VAC		110, 120, 220, 230, 240VAC		220, 230, 240, 380VAC 1PH 220, 230, 240, 380VAC 3PH	
Input Voltage Range (50 & 60 Hz)	+15%, -25% (without using batteries)					
Input Frequency Range	45 - 65 Hz					
Power Walk-In	5 seconds to full load					
Input/Output Power Connections	Hardwire Terminal Blocks Standard (Optional Line Cords Available)					
OUTPUT						
Nominal Output Voltage (60Hz)	110, 115, 120, 120/208 ¹ , 110/220, 120/240 ³ VAC					
Nominal Output Voltage (50Hz)	220, 230, 240 VAC					
Regulation	(Steady State): $\pm 1\%$ for all line and load conditions (Dynamic): $\pm 2\%$ from nominal for 100% load steps					
THD	<1% for linear loads and 3% for non-linear loads					
Frequency Stability	$\pm 0.01\%$ from nominal					
Output Sync. Window	$\pm 2\%$					
Maximum Load Crest Factor	$\pm 5:1$					
Slew Rate	1Hz / second maximum					
	LT1030	LT1050	LT1075	LT1080	LT1100	LT1150
Typical Efficiency (@ 50% load)	83%				81%	86%
Efficiency (@ 100% load)	83%				85%	86%
Overload Ratings @ 0.8 PF	110% - Indefinite, 125% for 10 min, 150% for 1 min					
Overload Ratings @ 1.0 PF	120% for 15 sec, 125% for 8 sec					
Surge Withstand	Passes IEEE 587 / ANSI CG2.41 Category A					
BATTERY						
Voltage (VDC)	120				360	
Recharge Time	< 1 hour to 90% charge level after complete discharge					
ENVIRONMENT						
Operating Temperature	32°F to 104°F (0°C to 40°C)					
Humidity	0 – 95% non-condensing					
Audible Noise	< 50 dB(A) Scale @ 1 meter					
Heat Rejection (@ 1.0 PF Load)	2,100 BTU / hr.		3,500 BTU / hr.		5,250 BTU / hr.	
ENCLOSURE						
Dimensions inches W/D/H	13.3 / 31 / 27.2		16 / 31 / 36		18 / 38.5 / 54	
Weight (lbs)	310	425	620	650	1,200	
Color	ANSI 61 Gray					
Ventilation	Forced Air : Intake – Rear Bottom, Exhaust – Rear Top					
Rating	NEMA1					
Cable Entry	Rear					

Note: All data is subject to change without notice.

- 208VAC output voltage is single phase: L1 to N measures 120V, L2 to N measures 88V, L1 to L2 measures 208V.
- 480VAC models require a 208 or 240VAC bypass input feed.
- 120/240VAC output configurations divide the loads between L1 to N and L2 to N.