TECHNICAL SPECIFICATIONS

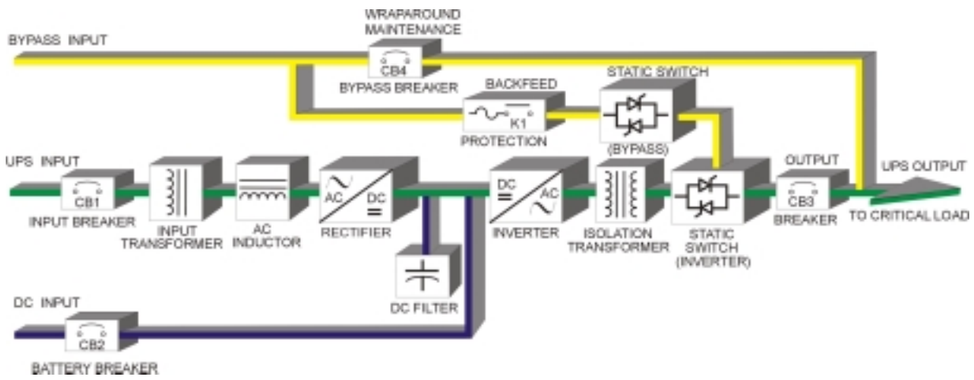
AC INPUT	150kva		200kva		250kva		300kva	
Input Voltages (3PH)	208	480	N/A	480	N/A	480	N/A	480
Normal Current Amps	466.9	202.3	N/A	269.7	N/A	337.2	N/A	433.5
Max Current (Amps)	500.2	216.7	N/A	289.53	N/A	361.27	N/A	433.5
Input Distortion	< 10% Total Harmonic Distortion at full rated load							
Input Power Factor	Typically 1.0 P.F, @ full load							
Input Frequency	50/60Hz +/-6%							

AC OUTPUT	150kva		200kva		250kva		300kva	
Output Voltages (VAC)	208	480	N/A	480	N/A	480	N/A	480
Frequency (Hz)	60Hz		60Hz		60Hz		60Hz	
Full load (Amps)	416.9	180.6	N/A	240.8	N/A	301.1	N/A	361.3

DC LINK	150kva	200kva	250kva	300kva
VDC (Nominal)	360	480	480	480
DC Watts (Full Load)	132,000	176,000	220,000	264,000
DC Amps (Full Load)	325.9	325.9	407.4	488.9
Max DC (Amps)	419	419	523.8	628.6
End Of Discharge	315VDC	420VDC	420VDC	420VDC
Number of Cells	180	240	240	240
VDC Flt./Eq. Range	400 to 430	530 to 600	530 to 600	530 to 600

EFFICIENCY	150kva	200kva	250kva	300kva
AC to AC (%)	88	88	88	88
DC to AC (%)	92	92	92	92
BTU.Hr.	49,132	65,510	81,888	98,265

MECHANICAL	150kva	200kva	250kva	300kva
Size W x D x H	81 x 30 x 65	81 x 30 x 65	81 x 30 x 65	81 x 30 x 65
Weight (lbs.)	2,950	3,925	4,550	4,560



LTI Power Systems is a ISO9001-2000 listed manufacturer

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ProUPS 10 to 300KVA UPS

PROFESSIONAL SERIES
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- True On-Line Technology for Maximum Power Protection
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- Input THD Less Than 10%
- True Double Conversion Design for Total Load Isolation and Protection
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- RS232 Communications Port
- Form “C” Interface Contacts
- Internal Manual Bypass Switch
- Shutdown Software Compatible
- Generator Compatible Rectifier Input
- Built to Meet Stringent UL1778, NEMA, NEC, ANSI, and FCC Requirements


10 to 40KVA Models


50 to 120KVA Models


150 to 300KVA Models

TECHNICAL SPECIFICATIONS

INPUT

Voltage:	3 phase, 3 wire plus ground
Range:	+10%, -20%
Regulation:	+/-1% from 0 to 100% load
Power Factor:	.99 P.F. at full rated load
Walk-In:	10 seconds to full load
Input THD:	Typically Less Than 10%
Frequency:	50Hz or 60Hz +/-6%
Surge Protection:	ANSI C62.41

OUTPUT

Voltage:	3 Phase, 3 or 4 wire plus ground
Regulation:	+/-2% from 0 to 100% load
Unbalanced:	+/-3% for 100% unbalanced load
Output THD:	< 3% linear, < 5% nonlinear load
Overload:	120% for 15 minutes, 150% for 1 minute, bypass 1000% for 1 second
Slew Rate:	1Hz per second (adjustable)
Frequency:	+/-0.01% free running

AC INPUT	10kva		15kva		20kva		25kva		30kva		40kva	
Input Voltages (3PH)	208	480	208	480	208	480	208	480	208	480	208	480
Normal Current Amps	31.1	13.5	46.7	20.2	62.3	27.0	77.8	33.7	93.4	40.5	124.5	53.9
Max Current (Amps)	33.3	14.4	50.0	21.6	66.7	28.9	83.4	36.1	100	43.3	133.4	57.8
Input Distortion	<10% Total Harmonic Distortion at full rated load											
Input Power Factor	Typically 1.0 P.F. @ full load											
Input Frequency	50/60Hz +/- 6%											

AC OUTPUT	10kva		15kva		20kva		25kva		30kva		40kva	
Output Voltage (VAC)	208	480	208	480	208	480	208	480	208	480	208	480
Frequency (Hz)	60Hz		60Hz		60Hz		60Hz		60Hz		60Hz	
Full Load (Amps)	28.7	12.0	41.7	18.1	55.6	24.1	69.5	30.1	83.4	36.1	111.2	48.2

DC LINK	10kva	15kva	20kva	25kva	30kva	40kva
VDC Nominal	360	360	360	360	360	360
DC Watts (Full Load)	8,800	13,200	17,600	22,000	26,400	35,200
DC Amps (Full Load)	21.7	32.6	43.5	54.3	65.2	86.9
Max DC Amps	27.9	41.9	55.9	69.8	83.8	111.7
End Of Discharge	315VDC	315VDC	315VDC	315VDC	315VDC	315VDC
Number of Cells	180	180	180	180	180	180
VDC Flt./Eq. Range	400 to 430	400 to 430	400 to 430	400 to 430	400 to 430	400 to 430

EFFICIENCY	10kva	15kva	20kva	25kva	30kva	40kva
AC to AC (%)	88	88	88	88	88	88
DC to AC (%)	92	92	92	92	92	92
BTU/Hr.	3,275	4,913	6,551	8,188	9,826	13,102

MECHANICAL	10kva	15kva	20kva	25kva	30kva	40kva
Size W x D x H	31.5 x 29.5 x 65	31.5 x 29.5 x 65	31.5 x 29.5 x 65	31.5 x 29.5 x 65	31.5 x 29.5 x 65	31.5 x 29.5 x 65
Weight (lbs.)	860	950	1,058	1,058	1,150	1,220

TECHNICAL SPECIFICATIONS

ENVIRONMENTAL

Ambient Temperature:	0°C to 40°C
Relative Humidity:	Up to 95% noncondensing
Acoustical Noise:	65dB 'A' scale at 1 meter
Altitude:	5,000 ft. without derating
Storage Temperature:	-20°C to 70°C

GENERAL INFORMATION

Cable Entry:	Top or Bottom
Ventilation:	Forced Air N+1
Paint:	Light Gray
Cabinet:	Seismic Zone 4 Rated

AC INPUT	50kva		60kva		80kva		100kva		120kva	
Input Voltages (3PH)	208	480	208	480	208	480	208	480	208	480
Normal Current Amps	155.6	67.4	186.75	80.9	248.9	107.9	311.25	134.9	373.5	161.8
Max Current (Amps)	166.7	72.2	200.1	86.7	266.79	115.6	333.48	144.5	400.1	173.4
Input Distortion	<10% Total Harmonic Distortion at full rated load									
Input Power Factor	Typically 1.0 P.F. @ full load									
Input Frequency	50/60Hz +/-6%									

AC OUTPUT	50kva		60kva		80kva		100kva		120kva	
Output Voltages (VAC)	208	480	208	480	208	480	208	480	208	480
Frequency (Hz)	60Hz		60Hz		60Hz		60Hz		60Hz	
Full Load (Amps)	139	60.2	166.8	72.3	222.3	96.3	277.9	120.4	333.5	144.5

DC LINK	50kva	60kva	80kva	100kva	120kva
VDC (Nominal)	360	360	360	360	360
DC Watts (Full Load)	44,000	52,800	70,400	88,000	105,300
DC Amps (Full Load)	108.6	130.4	173.8	217.3	267.7
Max DC Amps	139.7	167.6	223.5	279.4	335.2
End Of Discharge	315VDC	315VDC	315VDC	315VDC	315VDC
Number of Cells	180	180	180	180	180
VDC Flt./Eq. Range	400 to 430	400 to 430	400 to 430	400 to 430	400 to 430

EFFICIENCY	50kva	60kva	80kva	100kva	120kva
AC to AC (%)	88	88	88	88	88
DC to AC (%)	92	92	92	92	92
BTU/Hr.	16,378	19,653	26,204	32,755	39,306

MECHANICAL	50kva	60kva	80kva	100kva	120kva
Size W x D x H	49.5 x 29.5 x 65	49.5 x 29.5 x 65	49.5 x 29.5 x 65	49.5 x 29.5 x 65	81.0 x 29.5 x 65
Weight (lbs.)	1,720	1,840	1,985	2,300	2,825

Note:
1. Specifications shown reflect standard 60Hz UPS models. Models of 50Hz, 400Hz, and single phase or other input and output voltage configurations are available by contacting the factory.
2. All models are available as stand alone DC to AC inverters and frequency converters.
3. Input or output voltages below 480VAC will increase the width of the cabinet by 18 inches on models from 100kva to 150kva.
4. The rectifier input isolation transformer option will increase the width 18 inches on all models from 25kva to 100kva and 31.5 inches on all models 120kva and above.
5. All data is subject to change without notice.