

# LX33 10KVA - 400KVA

## Low Frequency Online UPS LX33 Series

LX33 Series 10KVA - 400KVA (3ph in/ 3ph out)

### Key Features:

- High reliability, high market retention.
- Using dual-DSP and all-digital control technology, the system has higher stability.
- Built-in output isolation transformer, with stronger load capacity.
- Advanced decentralized autonomous parallel technology, without centralized bypass cabinet, can achieve up to six parallel.
- Intelligent battery management function, battery cycle self-check, battery EOD time automatic adjustment, automatic maintenance of batteries, prolong battery life.
- 5.7 inch LCD display, Chinese and English display interface, to accurately display UPS working status information to users, user-friendly management.
- Independent airtight duct and redundant fan design, all circuit board three paint protection, built-in dust-proof filter, with efficient heat dissipation and effective protection in harsh environment.
- Standard distribution battery contactor, when the battery is low voltage, automatically disconnect the battery to avoid overdischarge damage to the battery, better guarantee battery life.
- Customized energy back-irrigation absorption device is suitable for feedback load.
- Optional mixer can share battery pack function to save battery cost for users.



**Shenzhen UPSen Electronic CO., Ltd.**  
[www.upsen.net](http://www.upsen.net)

# Technical Specification:

Model	LX33 10K	LX33 15K	LX33 20K	LX33 30K	LX33 40K	LX33 60K	LX33 80K	LX33 100K	LX33 120K	LX33 160K	LX33 200K	LX33 300K	LX33 400K
Rated Capacity(VA)	10KVA	15KVA	20KVA	30KVA	40KVA	60KVA	80KVA	100KVA	120KVA	160KVA	200KVA	300KVA	400KVA
Active Power(W)	9KW	10KW	18KW	27KW	36KW	54KW	72KW	90KW	108KW	144KW	180KW	270KW	360KW
INPUT													
Voltage Range	380 / 400 / 415Vac (-25% ~ +20%) Three phase five wire												
Frequency Range	50 / 60Hz ± 5Hz Auto identification												
Power Factor	≥0.8 ( without filter), ≥0.95 (with filter)												
Rated Current	18A	28A	37A	56A	74A	112A	148A	185A	224A	298A	371A	557A	742A
OUTPUT													
Rated Voltage	380 / 400 / 415Vac ±1%												
Frequency	50 / 60Hz												
Frequency Stability	50 / 60(±0.05%)Hz at battery mode												
Wave Form	Sine wave												
Power Factor	0.9 (lagging)												
Total Harmonic Distortion	≤3% (linear load), ≤5%(nonlinear load)												
Overload Capacity	110% / 125% / 150% for 60min/10min/1min												
Crest Factor	3:1 (Max.)												
Transfer Time	0ms, Normal mode to Battery mode or vice versa												
BYPASS													
Rated Voltage	380 / 400 / 415Vac three phase five wire												
Voltage Protection Range	-40% ~ +20%												
Rated Frequency	50 / 60Hz												
Frequency Protection Range	± 20%												
Transfer Time	0ms / 2ms												
BATTERY													
Voltage Range for Inverter Operation(VDC)	320 ~ 490VDC												
PANEL													
LED	Input, Inverter, Bypass, Battery, Output and Status												
LCD	Input/Output Voltage, Frequency, Power Factor, Battery Voltage, Battery Current and Status, Load Percentage, UPS Status, History Record, Settings												
COMMUNICATION													
Interface	RS232, RS485, Dry contact, SNMP card												
ENVIRONMENT													
Working Temperature	0~40°C												
Relative Humidity	0~95% (without condensing)												
Storage Temperature	-25°C ~ +70°C												
Altitude	≤1000m above sea level , 1% derating per 100m from 1000m to 2000m												
Noise at 1m	≤70dB												
Optional	Harmonic Filter, SNMP adapter, Bypass current-sharing inductor												
PHYSICAL													
Machine Size - W*D*H(mm)	570*800*1195				880*760*1600		1751160*805*1600		1400*945*1900		1635*1040*1900		
Net Weight(KG)	213	273	273	316	328	483	568	800	902	1219	1425	1800	2050
Gross Weight(KG)	259	319	319	362	374	553	638	886	988	1349	1555	1950	2200
*Specification are subject to change without prior notice													