

LX33 250KVA - 400KVA

Low Frequency Online UPS LX33 Series

LX33 Series 250KVA - 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.



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Technical Specification:

Model	LX33 250K	LX33 300K	LX33 400K
Rated Capacity(VA)	250KVA	300KVA	400KVA
Active Power(W)	225KW	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	464A	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.)		
Efficiency	93%	93%	93.5%
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		
Overload Capacity(In)	15In, 10ms		
BATTERY			
Voltage (VDC)	384VDC		
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			
Operation Temperature	0~40°C		
Relative Humidity	0~95% (without condensing)		
Storage Temperature	-25°C ~ +70°C		
Altitude	≤1000m above sea level , 2% 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)	1755*1015*1900	1755*1015*1900	1755*1015*1900
Package Size - W*D*H(mm)	1900*1170*2080	1900*1170*2080	1900*1170*2080
Net Weight(KG)	1460	1650	1780
Gross Weight(KG)	1560	1750	1880
*Specification are subject to change without prior notice			