



ARIET

ARIKSO

LT3310H

LT3315H

LT3320H

LT3330H

LT3340H

LT3360H

LT3380H

LT33100H

LT33120H

Three-Phase UPS

Floor-standing type

Online double conversion



**Data
centers**



**Financial
systems**



**Security video s
urveillance systems**

Three-phase UPS ARIKSO LT33H with power rating 10–120 kVA uses online double conversion technology, which makes it possible to completely eliminate all problems associated with the power grid and provide customers with stable and clean sinusoidal power supply.

The innovative design makes these UPSs exceptionally reliable and ensures high performance.

A high input power factor and minimal input current distortion ensure the UPS's environmental friendliness and safety, while high efficiency contributes to effective energy savings.



SCENARIOS

Small and medium data centers

Banks, processing centers, payment systems

Dispatching services, video surveillance and access control systems

Ensuring uninterrupted power supply for servers, data storage systems and network equipment

Stable power supply for critical financial systems and transaction platforms

Stable operation of security and control systems under an unstable power grid

BENEFITS

A wide input voltage range

allows the equipment to operate stably even under severe sags and fluctuations in the power grid. This ensures reliable protection of the connected load under unstable power supply conditions.

The use of a DSP processor

ensures precise control of all operating modes and a fast system response to load changes. As a result, operational stability and overall equipment reliability are improved.

A convenient interface makes device control simple and understandable even for an untrained user. All key parameters and settings are quickly accessible and displayed in a clear form.

An intelligent battery management system controls charging and discharging, preventing overloads and deep discharge. This extends battery life and improves their readiness for operation during a power outage.

N+X redundancy increases system reliability by adding backup modules that automatically compensate for the failure of any working module.

The presence of **RS485 interfaces, a relay card, USB, and an SNMP option** ensures convenient monitoring and integration of the UPS into dispatching and remote control systems.

Technical specifications

MODEL	LT3310H	LT3315H	LT3320H	LT3330H	LT3340H	LT3360H	LT3380H	LT33100H	LT33120H
Power	10 kVA	15 kVA	20 kVA	30 kVA	40 kVA	60 kVA	80 kVA	100 kVA	120 kVA
Input									
Phase	3 Phase 4 Wires and Ground								
Rated Voltage	380/400/415Vac								
Operating voltage range	138-485Vac								
Operating frequency range	40–70 Hz								
Power factor	≥0,99								
Harmonic distortion (THDi)	<3% (100% non-linear load)								
Bypass voltage range	Max.voltage: 220Vac +25% (optional +10%,+15%,+20%); 230Vac: +20%(optional +10%,+15%); 240Vac: +15% (optional +10%)								
	Min. voltage:-45% (optional -10%, -20%,-30%)								
	Frequency protection range: ± 10%								
Generator input	Support								
Output									
Phase	3 Phase 4 Wires and Ground								
Output voltage	380/400/415Vac								
Power factor	0,9								
Voltage regulation	±1%								
Output frequency	Utility Mode: ±1%/±2%/±4%/ ±5% ± 10% optional; Battery Mode: (50/60 ±0.1%)Hz								
Crest factor	3:1								
THD	<2% with linear load; ≤4% with non linear load								
Efficiency	95,5%								
Overload	Load≤110%, last 60min; ≤125%, last 10min; ≤150%, last 1min; >150% change to bypass								
Battery									
Voltage	long unit 30-50pcs; standard unit 30-40pcs, default 32pcs		long unit 30-50pcs; standard unit 40-64pcs, default 64pcs		±180V/192V/±204V/±216V/±228V/±240/ ± 252/±264/±276/±288 / ±300Vdc(30/32/34/36/38/40/42/44/46/48/50pcs optional)				
Charge Current	10A Max.					15A Max.		30A Max.	
Transfer Time	Utility to Battery: Oms; Utility to bypass: Oms								
Environment									
Operating temperature	0~40°C								
Storage temperature	-25°C ~ 55°C(no battery)								
Humidity range	0~95% (non condensing)								
Noise level	<55 dB			<58 dB			<60 dB		
Altitude	< 1500 m								
Protection									
Alarm	overload, utility abnormal, UPS fault, battery low, etc								
Protection	short circuit, overload, over temperature, battery low, fan fault alarm								
Communication	USB, CAN, RS485, FE, LBS, Parallel card, Relay card, SNMP card(optional)								
Physical									
Dimensions D*W*H(mm)	720*250*535					868*250* 862		885*440*1200	
Net weight (kg)	32	32,5	33	35	38	70,5	150	160	162
Standards	EN62040-1, EN62040-2								