



ARIET

ARIKSO LT3310S

Three-phase UPS

Floor type

Online double conversion technology



**Office and server
equipment**



**Switches and
network devices**



**Telecommunications
systems**

ARIKSO UPS adopts online double conversion technology, which completely eliminates all kinds of problems related to the power grid and provides customers with stable and clean sine wave power.

An innovative design provides these products with unrivaled reliability and high performance. A high input power factor and low input harmonics ensure the UPS is environmentally friendly and safe, while high efficiency ensures energy savings.



SCENARIOS

Small and medium-sized data centers

IT machine rooms

Financial institutions

Traffic dispatch centers

Security monitoring

BENEFITS

<p>Wide input voltage range— device automatically adapts to an unstable and "hard" power grid.</p>	<p>DSP digital control technology — significantly increases system reliability and operational stability.</p>
<p>Friendly man-machine interface — simple control and easy operation.</p>	<p>Intelligent battery management— optimizes charge/discharge modes and extends battery life.</p>
<p>Online double conversion technology— provides the highest level of power protection through continuous AC-DC-AC energy conversion.</p>	<p>N+X redundancy— system consists of the minimum number of power modules required to supply the load.</p>
<p>Output power factor 1.0 — device is capable of delivering a large proportion of its rated power as active power.</p>	<p>Communications— RS485/Relay card/USB/SNMP (option) presence of various communication interfaces ensures convenient connection of the device to monitoring systems.</p>

Technical specifications

MODEL		LT3310S
Capacity (rated at $\cos\phi=1.0$)		10 kVA
Input	Phase	3 phases, 4 wires + earth
	Rated voltage	380 / 400 / 415 V AC
	Voltage range	138 ~ 485 V AC
	Frequency range	40 ~ 70 Hz
	Power factor (input)	1.0
Total harmonic distortion (THDi)		$\leq 3\%$ (100 % nonlinear load)
Output	Output voltage	380 / 400 / 415 V AC
	Power factor (output)	1.0
	Voltage regulation	$\pm 1\%$
	Output frequency	50 / 60 Hz
	Waveform	Pure sine wave
	Overload capability	110 % – 60 min; 125 % – 10 min; 150 % – 1 min
	Efficiency	$\geq 96\%$
Crest factor		3:1
Battery	Battery voltage	Optional, standard range 240V, built-in 30–40 pcs batteries 7/9Ah capacity
	Battery management	Intelligent battery life extension system
	Battery charge current	Max. 10 A
Interfaces	USB, RS232, RS485, Parallel port, REPO port, LBS port (optional), Backfeed port, Intelligent slot, SNMP	
Parallel board	Built-in in UPS	
Operating conditions	Operating temperature	0 ~ 40 °C
	Storage temperature	-25 ~ 55 °C (without batteries)
	Relative humidity	0 - 95 % (non-condensing)
	Installation altitude	< 1500 m
	Noise level	< 55 dB
Protection	Short circuit, overload, overheating, low battery charge, others	
Standards	Standards	IEC 62040-1, IEC 62040-2, IEC 62040-3 (VFI)
	EMC	IEC/EN 62040-2, IEC/EN 61000-6-1/2/3/4
	Safety standards	IEC/EN 62040-1
Installation	Floor-mounted (Tower)	
Physical parameters	Dimensions (D×W×H), mm	790*280*719
	Weight, kg	150