



**ARIET**

# ARIKSO LT3320 HR

## Three-phase UPS

Rack-and-floor type

Online double conversion technology



Office and server  
equipment



Medical facilities  
and laboratories



Telecommunications  
systems

The **ARIKSO LT33** is designed for installation in standard 19-inch network cabinets.

The device is built using online double-conversion technology, which effectively eliminates typical power supply quality disturbances and provides consumers with stable power with a pure sine wave.



## SCENARIOS

Data centers and server rooms

Standard 19-inch network cabinet for computer room

Integrated complex cabinet for combining modules

Providing uninterruptible power supply for servers, data storage systems and network equipment

Protection of switches, routers, and data transmission equipment

Power backup for critical systems: IT infrastructure, laboratory and diagnostic equipment

## BENEFITS

**Wide input voltage range** adapt to harsh power grid

**DSP technology** greatly improve the system reliability.  
**Real-time protection:** DSP processors react instantly to overloads.

**Friendly man-machine interface,** easy to operate

**Intelligent battery management** — optimizes charge/discharge modes and extends battery life.

# Technical specifications

MODEL	LT3320HR	
<b>Power</b>	20 kVA	
<b>Input</b>	Phase	3 phases, 4 wires + grounding
	Nominal Voltage	380 / 400 / 415 V AC
	Input Voltage Range	138 ~ 476 V AC
	Frequency Range	40 ~ 70 Hz
	Power Factor	≥ 0.99
	Harmonic Distortion (THDi)	≤ 3 % (100 % nonlinear load)
	Bypass Voltage Range	Max.: 220 V +25 % (opt. +10 %, +15 %, +20 %); 230 V +20 %; 240 V +15 % / Min.: -45 % (opt. -10 %, -20 %, -30 %); Frequency protection: ±10 %
Input from generator	Supported	
<b>Output</b>	Phase	3 phases, 4 wires + grounding
	Output voltage	380 / 400 / 415 V AC
	Power Factor	0.9
	Voltage stabilization	±1 %
	Frequency	Mains: ±1 / ±2 / ±4 / ±5 / ±10 % (optional); Battery: 50 / 60 Hz ±0.1 %
	Amplitude ratio	3 : 1
	THD (Total Harmonic Distortion)	≤ 2 % (linear load); ≤ 4 % (non-linear load)
	Efficiency	≥ 96 %
<b>Battery</b>	Overload	≤110% — 60 min; ≤125% — 10 min; ≤150% — 1 min; >150% — transfer to bypass
	Voltage	±180 / 192 / 204 / 216 / 228 / 240 / 252 / 264 / 276 / 288 / 300 V DC current (30 / 32 / 34 /
<b>Switching</b>	Charging current	Max. 10 A
	Switching time	Mains → battery: 0 ms; Mains → bypass: 0 ms
<b>Operating conditions</b>	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
<b>Protection</b>	Alarms	Overload, mains deviations, UPS fault, low battery charge, etc.
	Protection	Short circuit, overload, overheating, low battery charge, fan failure
<b>Physical Parameters</b>	Dimensions (LxWxH), mm	728 x 485 x 130
	Weight, kg	25

## Back View

