



ARIET

ARIKSO LT3340 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	LT3340HR	
Power	40 kVA	
Input	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	
Output	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 %
Battery	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 /
Switching	Charging current	Max. 10 A
	Switching time	Mains → battery: 0 ms; Mains → bypass: 0 ms
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	Alarms	Overload, mains deviations, UPS fault, low battery charge, etc.
	Protection	Short circuit, overload, overheating, low battery charge, fan failure
Physical Parameters	Dimensions (LxWxH), mm	728 x 485 x 130
	Weight, kg	28.5

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