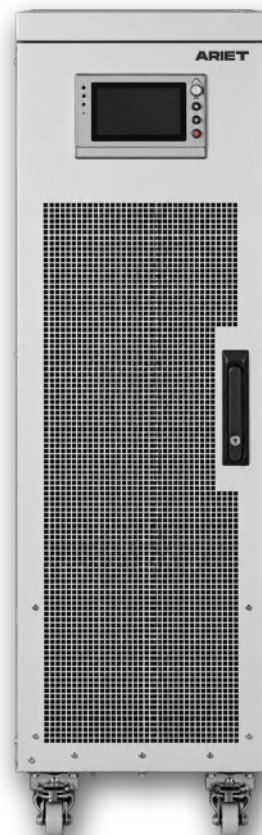
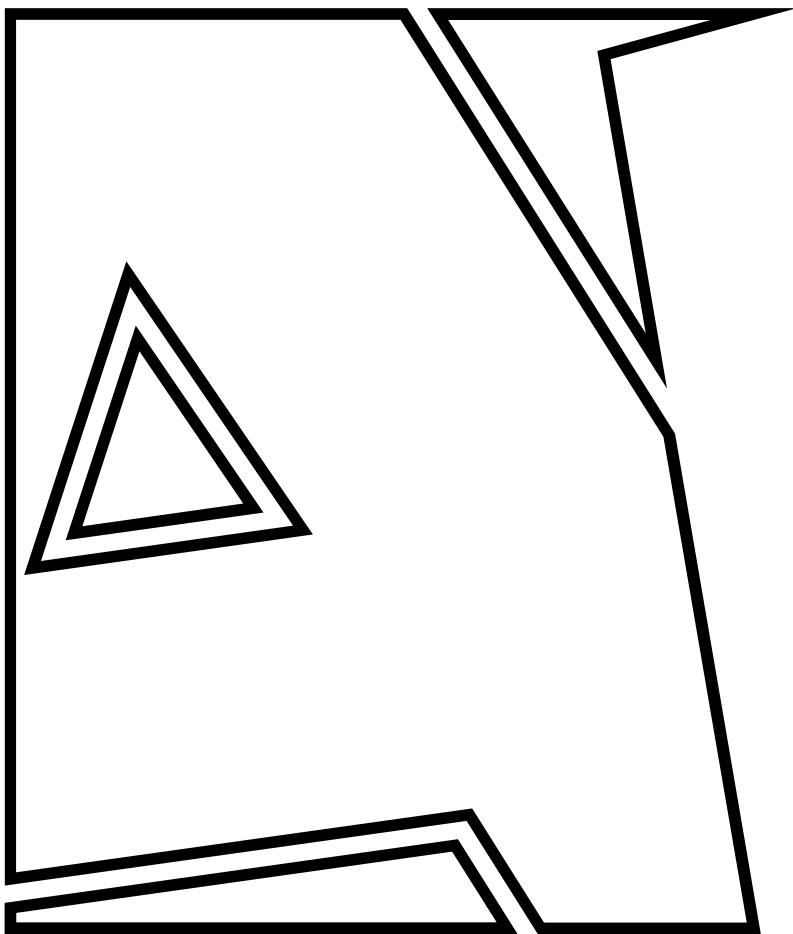


ARIET

GT3320S

Three-phase UPS

Tower UPS



**Data
Centers**



**Construction
organizations**



**Financial
systems**



**Industrial
enterprises**

A three-phase, high-frequency UPS with online double-conversion topology designed to protect critical equipment from power outages and instability.

The UPS is equipped with a dust filter and conformal-coated printed circuit boards, ensuring reliable operation even in harsh operating environments. The unit supports the installation of internal batteries; however, they are not included as standard, allowing users to select the battery capacity that best meets their application requirements.



SCENARIOS

Uninterruptible power supply for servers, data storage systems and network equipment

Stable power supply for critical financial systems and transaction platforms

Power supply for automation systems, controllers, servers, and monitoring systems

BENEFITS

Wide input voltage range — device automatically adapts to unstable and unstable power grids.	High reliability and environmental adaptability — a wide range of input parameters helps maintain operation even with unstable power supplies, reducing the risk of switching to batteries.
High-speed DSP digital processing and N+X parallel operation for increased reliability and redundancy flexibility.	High efficiency — up to 96% in normal and battery mode—optimizes power consumption and heat dissipation, simplifying equipment placement and reducing cost of ownership.
Allows flexible configuration and selection of the number of connected batteries in the battery system depending on the required autonomous operating time.	A LCD touchscreen with IoT functionality makes monitoring and control easy, while a cold start function allows the unit to be run directly from batteries.

Technical specifications

MODEL	GT3320S
Rate Power	20 kVA
Main input	
Input	3P5W (3P+N+PE)
Rate Voltage	380/400/415VAC (L-L); 220/230/240VAC (L-N)
Rate Freq	45/65Hz
Input PF	≥0,99
Current distortion THDi	≤4% at full load
Voltage range	304–477VAC (L-L) full load
Battery	
Rate voltage	±240 V (adjustable via the display from 180 to 300 V)
Model	12VDC / 7~9 Ah Valve-Regulated Lead-Acid (VRLA) batteries
Quantity	10 batteries per string, up to 12 strings
Maximum current	10 kA
Charging accuracy	±1%
Battery discharge voltage	+/-198 VDC
Bypass	
Rate voltage	380/400/415VAC (L-L); 220/230/240VAC (L-N)
Voltage range	Range: -40% ~ +25%, Settable, default -20% ~ +15%
Frequency range	50/60 Hz, settable: ±1Hz, ±3Hz, ±5Hz
Inverter	
Rate voltage	380/400/415VAC (L-L); 220/230/240VAC (L-N)
Rate Freq	50/60Hz
Output PF	1.0
Voltage accuracy	1%
Output THDu	≤4% at 100% nonlinear load
UPS topology	Online double-conversion
Crest factor	3:1
Overload	10 min at 125% load, 60 s at 150% load
System	
Efficiency	Max. 96%
Certification	IEC/EN 62040-3
Configuration	SNMP-card, USB, RS232, RS485, Dry contact, Air filter, Cold start
Option	AS400-card, Parallel kit
Environment	
Operating temperature	0–40°C (operation); -15°C to +40°C (storage)
Relative humidity	0–95% (non-condensing)
Noise level	60 dBA
Operating altitude	Up to 1000 m
IP Level	IP20
Physical parameters	
Dimension (W*D*H) mm	380*850*1400
Weight(kg)	119, (excluding battery weight)