



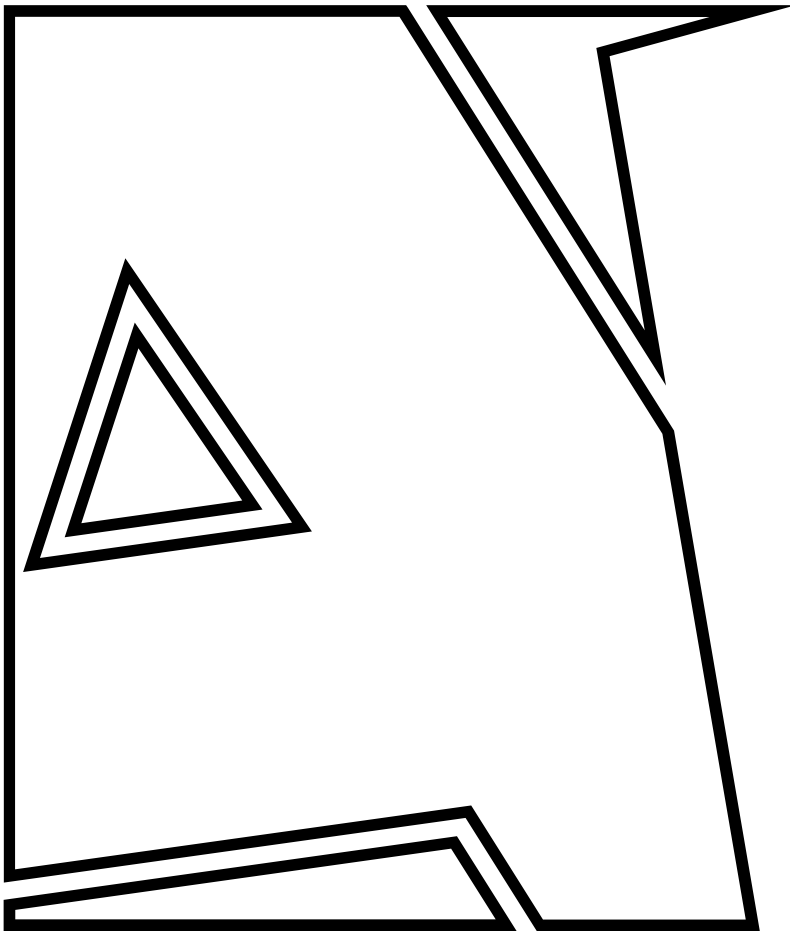
ARIET

ARIKSO HVD3360S

Three-phase UPS

Tower UPS

Online double conversion



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 cold start function allows you to turn on the power supply and power connected equipment solely from the batteries when there is no external 220V power supply. This ensures temporary operation of the equipment during a power outage.

The BASIC solution is open battery cassettes

OPTIONAL - closed battery cassettes



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

| | |
|--|---|
| <p>Wide input voltage range — device automatically adapts to unstable and unstable power grids.</p> | <p>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.</p> |
| <p>High-speed DSP digital processing and N+X parallel operation for increased reliability and redundancy flexibility.</p> | <p>High efficiency — up to 96% in normal and battery mode—optimizes power consumption and heat dissipation, simplifying equipment placement and reducing cost of ownership.</p> |
| <p>Energy-efficient ECO mode and high input power factor (≥ 0.99 at 100% load) reduce energy loss and optimize operating costs.</p> | <p>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.</p> |
| <p>Compatibility with diesel generators allows for stable power supply even with fluctuating voltage and frequency, ensuring uninterrupted operation during extended power outages.</p> | <p>Allows flexible configuration and selection of the number of connected batteries in the battery system depending on the required autonomous operating time.</p> |

Technical specifications

| MODEL | HVD3360S |
|----------------------------|--|
| Rate Power | 60 kVA |
| Main input | |
| Input | 3P5W (3P+N+PE) |
| Rate Voltage | 380/400/415VAC (L-L); 220/230/240VAC (L-N) |
| Rate Freq | 50/60Hz |
| Input PF | ≥0,99 |
| Current distortion THDi | < 6% (100% linear load) |
| Voltage range | 304–478VAC (L-L) full load 304–228VAC (L-L) — power derate from 100% to 50% |
| Freq. range | 40–70Hz |
| Battery | |
| Rate voltage | ±240 VDC |
| Model | 12VDC / 7~9 Ah The basic solution is open battery cassettes, (optional - closed battery cassettes) |
| Quantity | Internal BAT: 160 pcs., 16 cassettes |
| Charging capacity | 20% × Pout |
| Charging accuracy | ±1% |
| 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 |
| Voltage accuracy | ±1,0% |
| Output THDu | <1% (linear load); <5% (non-linear load) |
| Overload | 110% — 1 hour; 125% — 10 mins; 150% — 1 min; >150% — 200 ms |
| Frequency accuracy | 0,1% |
| Synchronize window | Settable ±0,5Hz ~ ±5Hz; default ±3Hz |
| Slew rate | Settable 0,5Hz/s ~ 3 Hz/s; default 0,5Hz/s |
| Crest factor | 3:1 |
| Phase Accuracy | 120° ±0,5° |
| System | |
| Efficiency | max. 96% |
| Display | LED + 7" touch LCD |
| Certification- Safety | IEC62040-1, IEC60950-1 |
| Certification- EMS | IEC62040-2; IEC61000-4-2 (ESD); IEC61000-4-3 (RS); IEC61000-4-4 (EFT); IEC61000-4-5 (Surge) |
| Configuration | USB, RS232, RS485, Dry contact, Air filter, Cold start |
| Option | SNMP-card, AS400-card, Parallel kit |
| Environment | 0~40°C (operation) ; -25°C~70°C (storage) ; 0~95% (Humidity, non-condensing) |
| Physical parameters | |
| Dimension (W*D*H) mm | 501*865*1251 |
| Weight(kg) | 400 |