



ARIET

ARIKSO HVD340H RACK

Three-Phase UPS

Rack-mounted type

Online double conversion



**Medical Facilities
and Laboratories**



**Data
Centers**



**Financial
systems**



**Telecommunication
Systems**

The **ARIKSO HVD33 RACK UPS** is a modern three-phase online UPS featuring double-conversion technology, providing stable and clean power supply for critical equipment.

The model combines high power capacity with a compact design, helping save space in server rooms and technical facilities.

Universal installation in either rack-mounted or tower configuration simplifies integration into any infrastructure. Flexible connection configurations make the solution suitable for various types of loads.

The 7-inch LCD display with IoT functions provides convenient control and remote monitoring.

High reliability ensures continuous business operation even under unstable power grid conditions.

The UPS is ideally suited for IT infrastructure, healthcare, financial institutions, industrial facilities, and government organizations.



SCENARIOS

Small and medium data centers

Banks, processing centers, payment systems

Government institutions and administrative centers

Ensuring uninterrupted power supply for servers, data storage systems and network equipment

Stable power supply for critical financial systems and transaction platforms

Stable operation of security and control systems under an unstable power grid

BENEFITS

<p>Online double-conversion technology ensures a stable and clean output voltage, unaffected by power grid fluctuations.</p>	<p>Flexible phase configuration (3/3, 3/1, 1/1) simplifies integration into various electrical infrastructures.</p>
<p>Wide input voltage range — the device automatically adapts to unstable and unstable power grids.</p>	<p>Versatile installation — the device can be mounted in a 19-inch rack or used as a floor-standing (tower) unit.</p>
<p>Increased design reliability guarantees the stable operation of critical equipment.</p>	<p>Good adaptation to operating conditions allows the UPS to be used in various industrial and infrastructure environments.</p>

Technical specifications

MODEL	HVD3340H RACK
Rate Power	40 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	<3% (100% Linear load)
Voltage range	304-478VAC(L-L)full load; 304- 228VAC (L-L) power derate from 100% to 75%
Freq. range	40-70Hz
Battery	
Rate voltage	±240VDC
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	50/60Hz, 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%
Load response	<5% (20% - 80% -20% step load)
Recovery time	< 20ms (0% - 100% -0% step load)
OutputTHDu	<1% (linear load) ,<5% (non-linear load according to IEC 62040-3)
Overload	110%,1 hour; 125%,10 mins; 150%,1 min; >150%,200ms
Frequency accuracy	0.1%
Synchronize window	Settable, ±0.5Hz-±5Hz, default ±3Hz
Slew rate	Settable, 0.5Hz/S-3Hz/S, default 0.5Hz/S
Crest factor	3:1
Phase Accuracy	120° ± 0.5°
Efficiency	Normal Mode up to 96%; Battery Mode up to 96%
Display	LED + 7 inch touch LCD
IP degree	IP20
Configuration	USB, RS232, RS485, Dry contact
Option	SNMP card, AS400 card, Parallel kit, LBS, Air filter, Cold start
Operating Conditions	
Operating temperature	0~40°C
Storage temperature	-25~70 °C (without batteries)
Humidity	0~95% (non-condensation)
Физические параметры	
Dimension (W*D*H) mm	440*788*174
Weight (kg)	38
Certification	
Safety	IEC62040-1, IEC60950-1
EMS	IEC62040-2; IEC61000-4-2(ESD); IEC61000-4-3(RS); IEC61000-4-4 (EFT); IEC61000-4-5 (Surge)