

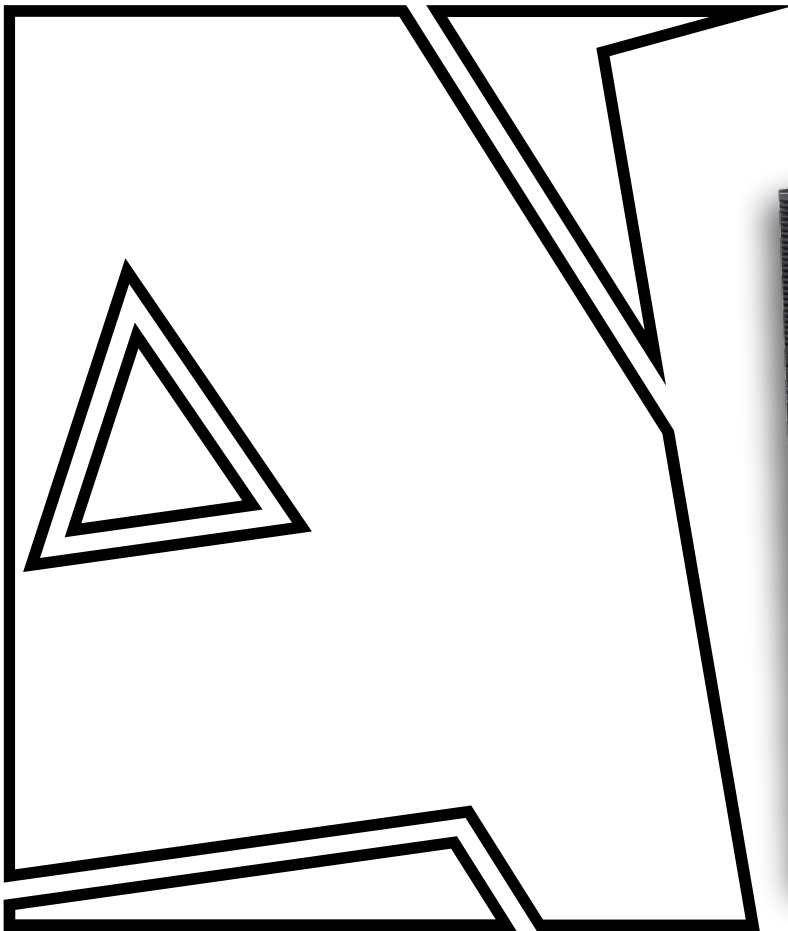


ARIET

T15K

Single-phase high-frequency online UPS

Floor type
Online double conversion



Office and server
equipment



Medical facilities
and laboratories



Telecommunications
systems

A high-frequency online UPS is a reliable power protection solution. Designed to ensure continuous operation even during power outages and voltage fluctuations.

Modern UPS systems must not only guarantee reliable backup power but also improve energy efficiency, reduce maintenance costs, and integrate with intelligent monitoring systems.

High-frequency online UPS systems best meet these requirements, employing advanced technologies for operation in environments with increased sensitivity to power quality.



SCENARIOS

Security and monitoring systems

Computer equipment

Networking Solutions and Telecommunications

Airports and logistics hubs

Hospitals and diagnostic centers

Processing centers, payment systems

BENEFITS

Wide input voltage range — operates over an input voltage range from **95 V** to **300 V**, useful for businesses located in areas with unstable power grids and voltage fluctuations.

Online double-conversion technology delivers stable power with zero transfer time, eliminating outages and ensuring uninterrupted operation of critical systems.

High efficiency — up to **93%** efficiency in linear mode and **92%** in battery mode. **ECO mode** further enhances energy savings by optimizing UPS operation.

Intelligent monitoring and communication — ϕ built-in **Smart RS232/USB** port and optional **SNMP/RS485/AS400** cards allow you to connect the UPS to your network and monitor its operation in real time.

Flexible configuration and long battery life allow you to customize the backup power supply time by selecting the number of batteries and connecting an external battery cabinet to increase capacity without changing the dimensions.

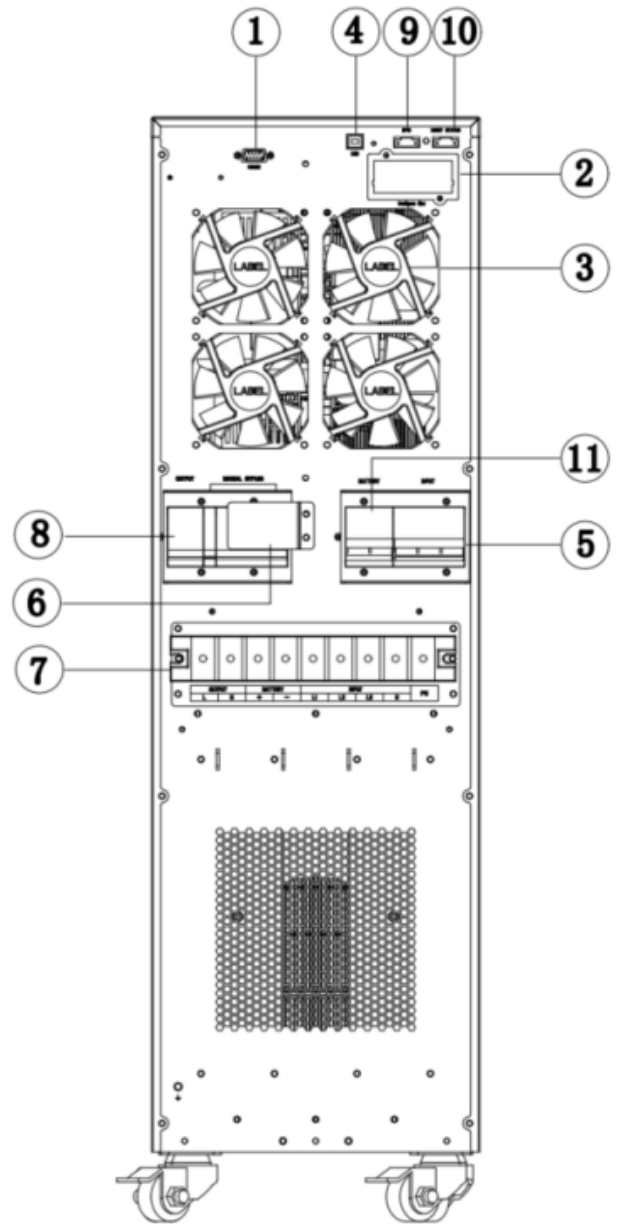
Power Factor Correction (PFC) technology ensures an input power factor greater than **99%**, minimizing harmonic distortion and improving overall power quality.

Its robust design, capable of withstanding harsh industrial environments, makes it suitable for a wide range of locations, including data centers, server rooms, and manufacturing facilities.

User-friendly interface — Automatic fan speed control, Emergency Power Off (EPO) function, and generator compatibility further enhance convenience.

Layout diagram

- ① RS232
- ② Smart slot
- ③ Fan
- ④ USB
- ⑤ Input breaker
- ⑥ Maintenance breaker (optional)
- ⑦ Terminal block
- ⑧ Output breaker (optional)
- ⑨ EPO
- ⑩ Maintenance status port
- ⑪ Battery Breaker (optional)



Technical specifications

MODEL	T15K
Capacity	15 kVA/15 kW
Input	
Rated Voltage	208/220/230/240 VAC, L+N+PE
Voltage Range	95~300 VAC
Frequency Range	40-70 Hz
Power Factor	≥0,99
Output	
Rated Voltage	208/220/230/240 VAC, L+N+PE
Voltage Precision	±1%
Frequency	50/60 Hz ± 0,1%
THDu	≤2% (linear load); ≤7% (non-linear load)
Transfer Time	Zero
Waveform	Pure Sine Wave
Crest Factor	3:1
Overload Capacity (Linear Mode)	105%~125% load, 10 min; 126%~150%, load, 1 min; >150% load, 100 ms
Overload Capacity (Battery Mode)	105%~125% load, 1 s; >126% load, 100 ms;
Efficiency	
Line Mode	93%
Battery Mode	92%
ECO Mode	98%
Battery	
Nominal Voltage	192 VDC/240 VDC
Battery Number	9Ah*40 pcs
Chare Current	4-8A
Interface	RS232 / USB / SNMP card (optional) / AS400 card (optional) / RS485 card (optional)
Environment	
Operation Temperature	0~40°C
Humidity	0–95% (non-condensing)
Noise	≤50 dB at 1 meter away
Altitude	Up to 1000 m without derating.
Physical	
Dimensions (W*D*H) mm	250*752*857
Weight (kg)	139