



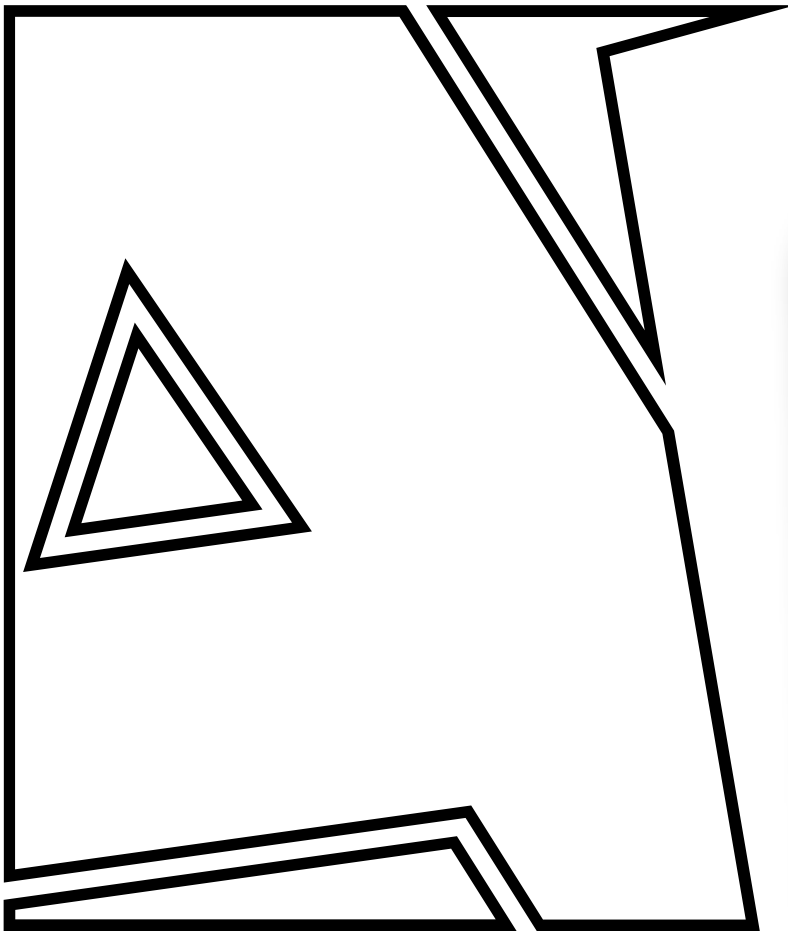
ARIET

T3K New

Single Phase Online UPS

Tower (floor-standing) UPS

Online double conversion



Office and server
equipment



Financial
systems



Medical facilities
and laboratories



Data
Center



Telecommunications
systems

Single-phase online UPS is designed to protect sensitive equipment from power outages, voltage sags and surges, interference and harmonic distortion of the network.

The model's key advantage is its online double-conversion topology and pure sine wave output, ensuring a stable, high-quality power supply.

The UPS has a capacity of **3 kVA** and a high efficiency of up to **95.5%**. ECO mode further enhances energy savings by optimizing UPS operation based on real-time load conditions, achieving efficiency of up to **98%**.



SCENARIOS

Protecting workstations and servers from power outages.

Power supply for critical systems: laboratory and diagnostic equipment

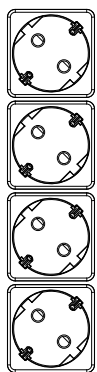
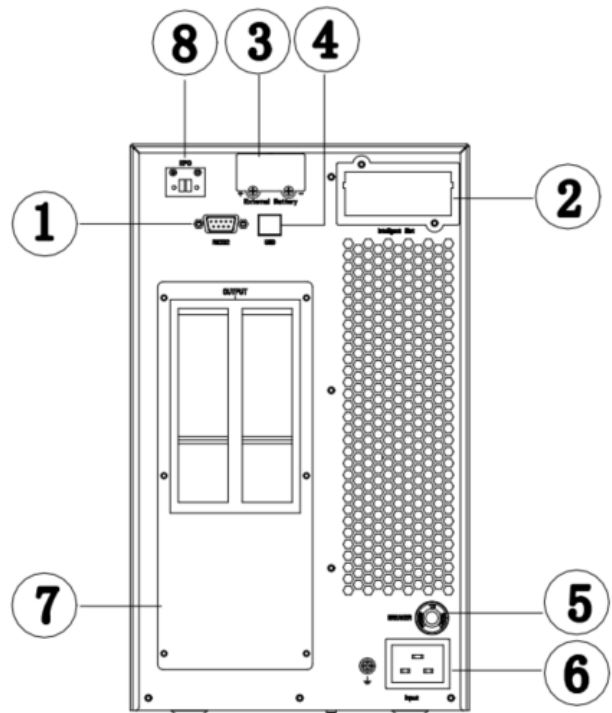
Protecting switches, routers, and data transmission equipment

BENEFITS

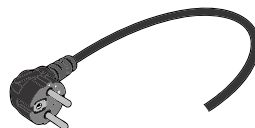
<p>True online double-conversion technology ensures that connected devices always receive clean, stable power, protecting them from voltage surges and fluctuations.</p>	<p>An intelligent RS232/USB port with monitoring software allows for easy remote monitoring and control of the UPS, providing real-time status tracking.</p>
<p>With a wide input voltage range from 110V to 300V AC, the UPS easily adapts to power supply conditions, making it suitable for use in areas with unstable power grids.</p>	<p>Flexible battery configurations and long runtimes allow you to configure the UPS to provide the required runtime for your critical loads.</p>
<p>Power Factor Correction (PFC) technology ensures input power factor greater than 99%, reducing harmonic distortion and improving overall power quality.</p>	<p>The digital charging system allows you to adjust the charging current from 1 to 12 A, ensuring optimal performance and battery life.</p>
<p>Convenient design and advanced safety features — automatic fan speed adjustment ensures quiet operation, while the emergency power-off function provides an additional level of safety.</p>	<p>Compatibility with generators making it suitable for use in remote locations or areas with limited power infrastructure.</p>

Layout diagram

- ① RS232
- ② Smart Slot
- ③ External battery connection port
- ④ USB
- ⑤ Input over current protection breaker
- ⑥ AC input
- ⑦ Output connector
- ⑧ EPO



Eu sockets -
4 pcs.



Built-in cable with Euro plug

Technical specifications

MODEL	T3K New
Capacity	3 kVA/3 kW
Input	
Rated Voltage	208/220/230/240 Vac, L+N+PE
Voltage Range	110~300 Vac
Frequency Range	50/60±6 Hz
Power Factor	≥0,99
THDI	≤4% (linear load); ≤5% (non-linear load)
Output	
Rated Voltage	208/220/230/240Vac, L+N+PE
Voltage Precision	±1%
Frequency	50/60 Hz ± 0,1%
THDu	≤2% (linear load); ≤5% (non-linear load)
Transfer Time	Zero
Waveform	Pure sine wave
Crest Factor	3:1
Overload Capacity (Line Mode)	102%~110% load, 30min; 110%~130%, load, 10min 130~150% load, 30s;; >150%, load, 200ms
Overload Capacity (Battery Mode)	102%~110% load, 1 min; 110%~130% load, 10 s; 130%~150% load, 3 s; >150%, 200 ms
Efficiency	
Line Mode	95,50%
Battery Mode	91,50%
ECO Mode	98%
Battery	
Nominal Voltage	96 Vdc
Battery Number	12Aч*6 шт.
Charge Current	1A(1-12A)
Interface	RS232 / USB/ SNMP card(optional) / AS400 card(optional)/RS485 card(optional)
Environment	
Operation Temperature	0~40°C
Humidity	0~95% (non-condensing)
Noise	≤50dB 1meter away
Altitude	Up to 1000m without derating
Physical	
Dimensions (W*D*H)mm	190*418*322
Weight (kg)	27