



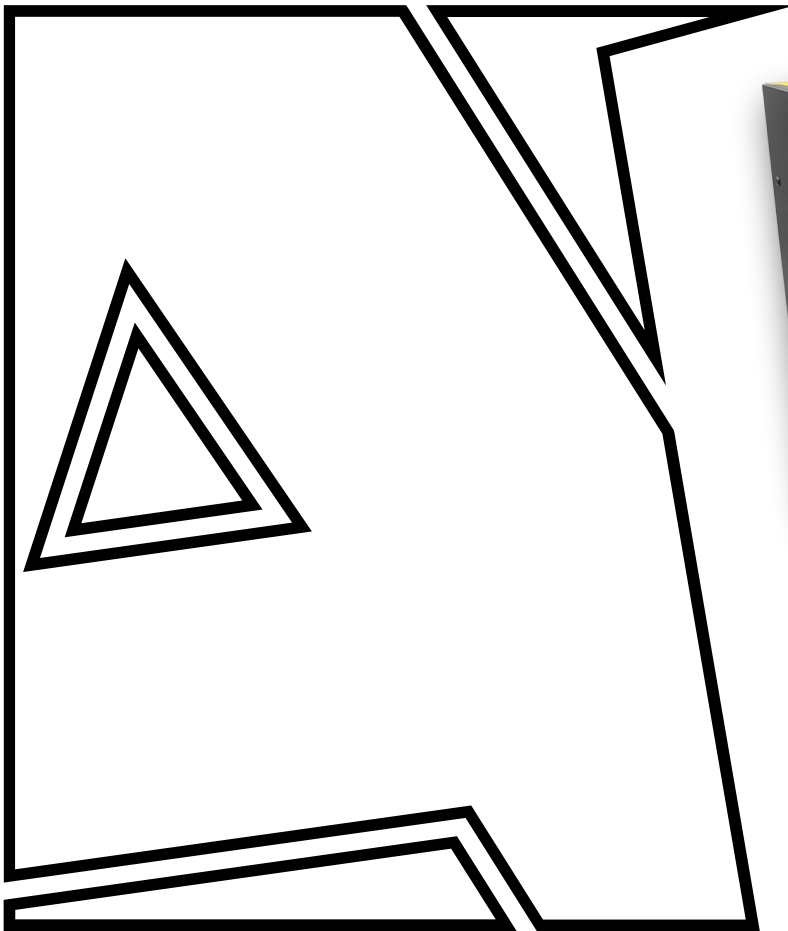
# ARIET

**T1K  
T2K  
T3K**

## 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 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

**True online double-conversion technology** ensures that connected devices always receive clean, stable power, protecting them from voltage surges and fluctuations.

**An intelligent RS232/USB port** with monitoring software allows for easy remote monitoring and control of the UPS, providing real-time status tracking.

**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.

**Flexible battery configurations** and long runtimes allow you to configure the UPS to provide the required runtime for your critical loads.

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

**The digital charging system** allows you to adjust the charging current from 1 to 12 A, ensuring optimal performance and battery life.

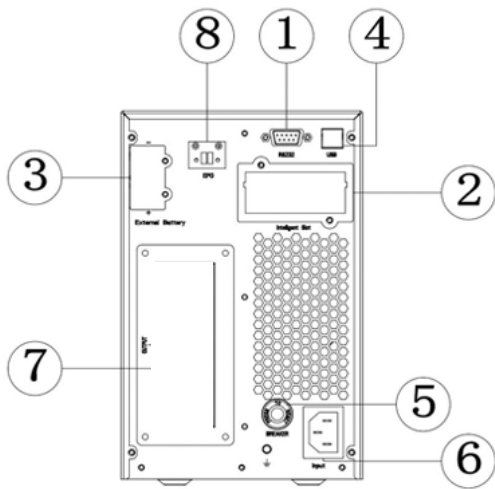
**Convenient design and advanced safety features** — automatic fan speed adjustment ensures quiet operation, while the emergency power-off function provides an additional level of safety.

**Compatibility with generators** making it suitable for use in remote locations or areas with limited power infrastructure.

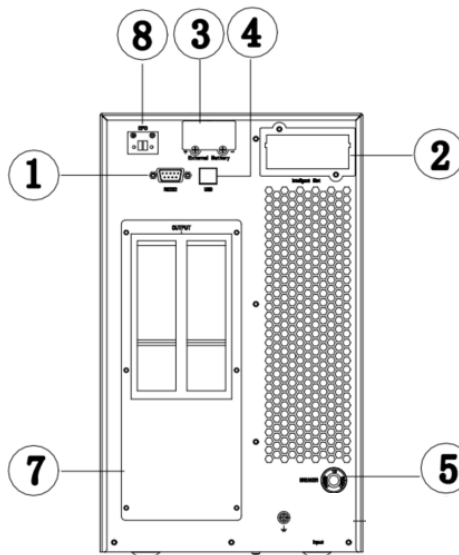
# Layout diagram

- 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

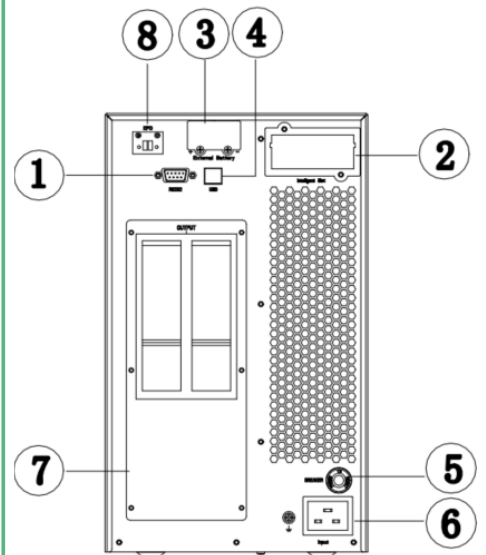
**T1K**



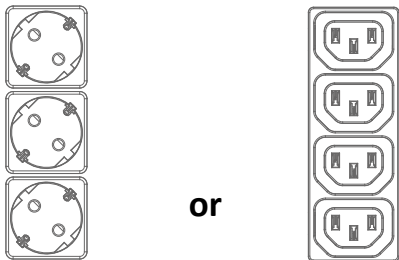
**T2K**



**T3K**



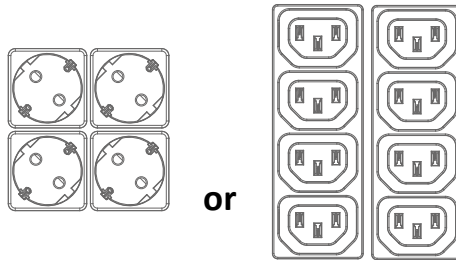
**Sockets**



EU Schuko  
3pcs

IEC C13  
4pcs

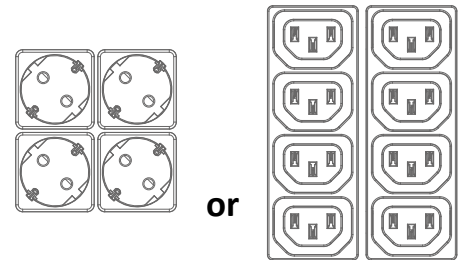
**Sockets**



EU Schuko  
4pcs

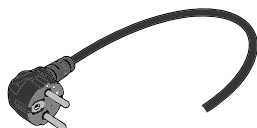
IEC C13  
8pcs

**Sockets**



EU Schuko  
4pcs

IEC C13 - 8pcs  
EC C19 - 1 pc



Built-in cable with Euro plug

# Technical specifications

MODEL	T1K	T2K	T3K
<b>Capacity</b>	1 kVA/1 kW	2 kVA/2 kW	3 kVA/3 kW
<b>Input</b>			
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)		
<b>Output</b>			
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		
<b>Efficiency</b>			
Line Mode	94,50%	95,50%	95,50%
Battery Mode	88,50%	91,50%	91,50%
ECO Mode	98%	98%	98%
<b>Battery</b>			
Nominal Voltage	36 Vdc	72 Vdc	96 Vdc
Battery Number	9A4*3 pcs	9A4*6 pcs	9A4*8 pcs
Charge Current	1A(1-12A)		
<b>Interface</b>	RS232 / USB/ SNMP card(optional) / AS400 card(optional)/RS485 card(optional)		
<b>Environment</b>			
Operation Temperature	0~40°C		
Humidity	0~95% (non-condensing)		
Noise	≤50dB 1meter away		
Altitude	Up to 1000m without derating		
<b>Physical</b>			
Dimensions (W*D*H)mm	145*354*224	190*418*322	190*418*322
Weight (kg)	11	20.2	27