

TK4730 AC/DC Portable Resistive Load



1. Summary

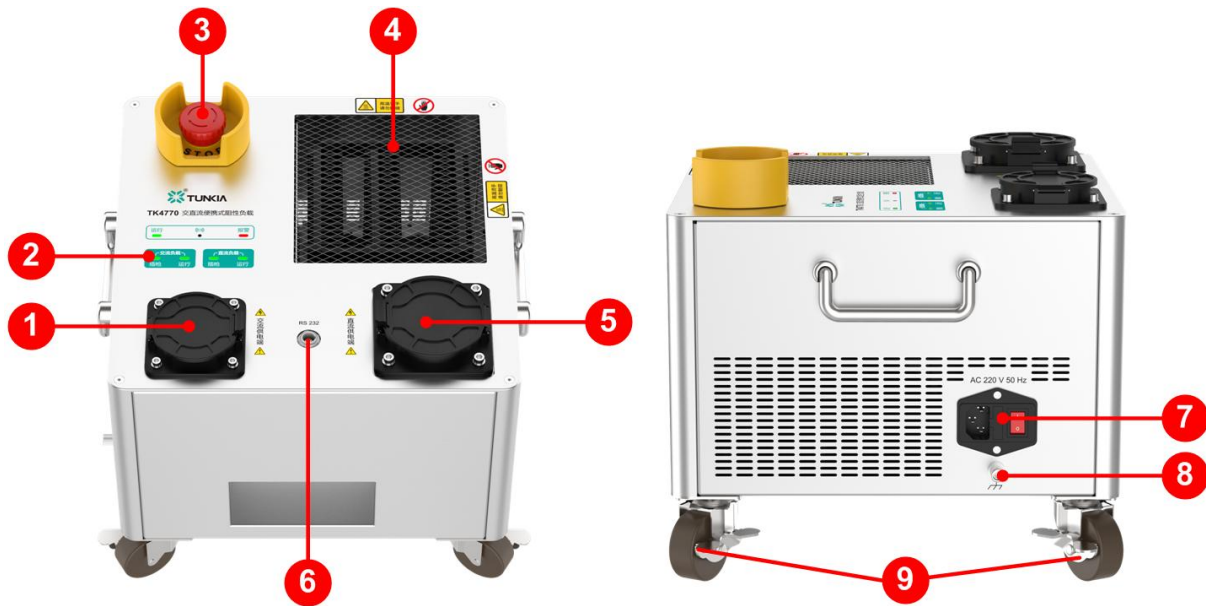
- TK4730 is an AC/DC portable resistive load.
- The panel is equipped with 1 standard AC and 1 DC charging socket.
- Can be used with a EV charger tester to achieve on-site testing of the EV charging station.
- Rated power is available in AC and DC 5 kW, AC and DC 10 kW optional.

2. Specification

Model	TK4730-5 kW	TK4730-10 kW
Working Voltage	DC: 0~750 V	DC: 0~750 V
Range	AC: 0~264 V	AC: 0~264 V
Rated Power (@DC 750V/500V)	AC 5 kW (three-phase) DC 5 kW	AC 10 kW (three-phase) DC 10 kW
Heat Dissipation	Air cooling	Air cooling

3. Instrument Appearance

☆ Instrument Front Panel




NO.	Function
1	AC Charging Socket: Use a dedicated charging connector to connect the AC charger tester.
2	Load operating status indicator light.
3	Emergency Button: Emergency button halts load operation swiftly during emergencies.
4	Top Heat Dissipation: Facilitating the rapid rise and discharge of hot air and improve the heat dissipation efficiency.
5	RS 232 Communication interface.
6	The emergency stop button can quickly stop the load operation in an emergency situation.
7	AC 220V Power Interface: Supply power to the load through mains power.
8	Load ground terminal.
9	The bottom four corners are equipped with a universal roller, easy to move the load and fixed.

4. General Specifications

Power Supply	The charging gun head takes power; AC (220 ± 22) V, (50 ± 2) Hz
Temperature Performance	Working temperature: -25°C~55°C; Storage temperature: -30°C~70°C
Humidity Performance	Working humidity: < 80% @ 30°C, < 70% @ 40°C, < 40% @ 50°C Storage humidity: < 80% R·H, non-condensing
Altitude	< 3000 m
Communication Interface	RS232、CAN-BUS
Weight	TK4730-1: 15 kg TK4730-2: 18 kg
Size	TK4730-1: 330 mm (W) × 325 (L) × 300 (H) TK4730-2: 470 mm (W) × 370 (L) × 290 (H)

5. Ordering Information

TK4730 – 

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Rated Power	
Code	Note
5kW	AC / DC 5kW
10kW	AC / DC 10kW

Eg. TK4730-10kW note for rated power 10kW