

# TK4720 AC Adjustable Resistance Load



TK4720-9kW

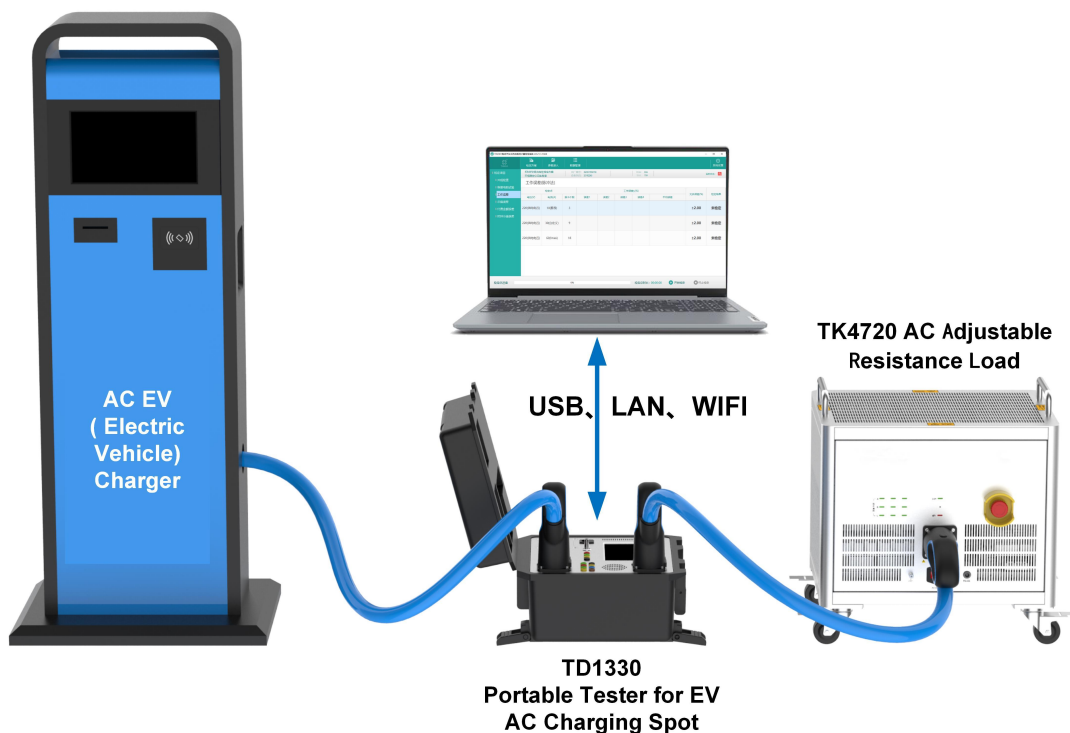


TK4720-45kW

## 1. Summary

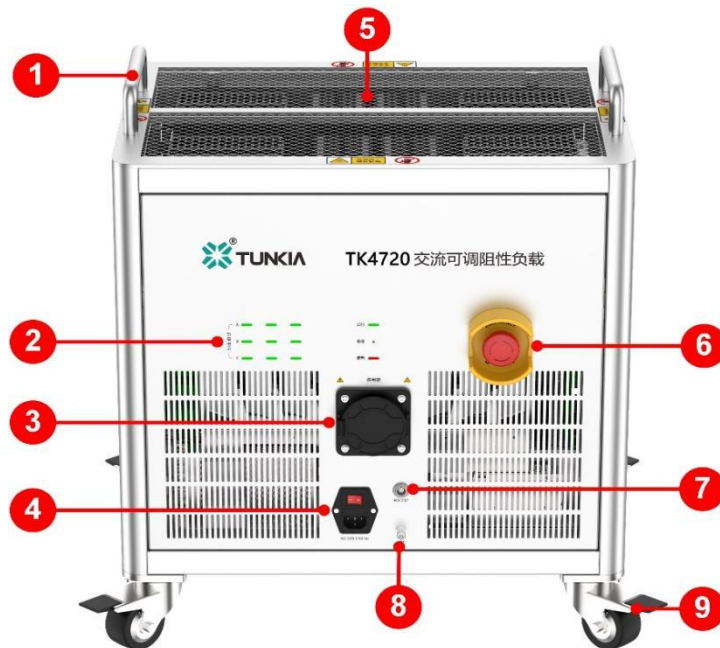
TK4720 is an AC adjustable resistance load box with rated power single-phase 9kW or three-phase 45kW. The panel is equipped with standard AC charging socket, which can be used with AC charging pile field tester, to realize the on-site verification of AC charging pile for electric vehicles.

## 2. Application



### 3. Instrument Appearance

#### ☆ Instrument Front Panel(TK4720-45kW)



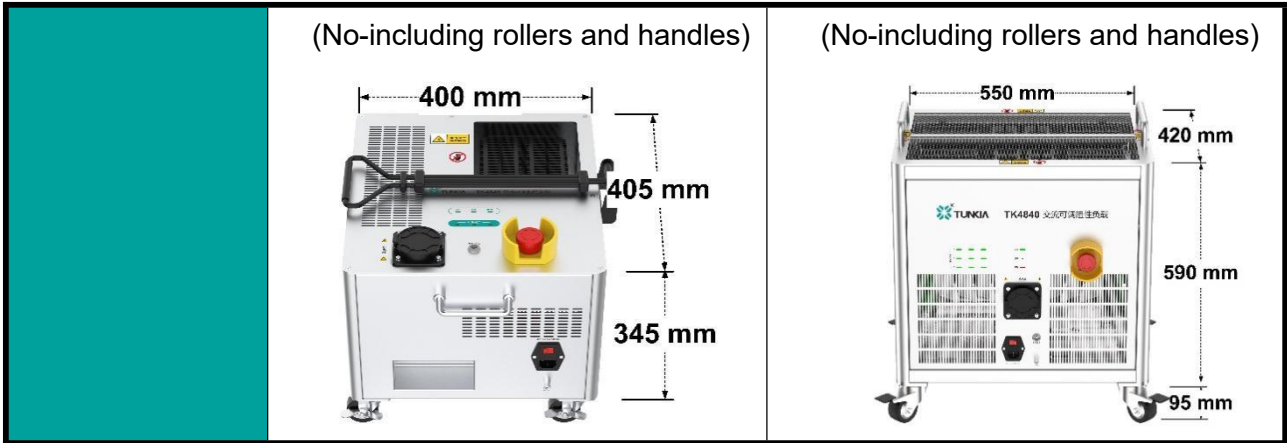
NO.	Function
1	Load handle, easy for user handling.
2	Power indication (indicating the load operating status), operation, alarm, communication signal indicator lamp.
3	Charge the socket at the power supply end and connect the charger tester with a special charging connector.
4	AC 220V Power interface can be power to load through mains.
5	The top heat dissipation mode is adopted to facilitate the hot air rapid rise and discharge, and improve the heat dissipation efficiency.
6	The emergency stop button can quickly stop the load operation in an emergency situation.
7	RS 232 Communication interface.
8	Load ground terminal.
9	The bottom four corners are equipped with a universal roller, easy to move the load and fixed.

#### 4. Technical Specifications

Model	TK4720-9kW	TK4720-45kW
Rated Power (@A C 220V)	Single-phase 9k W	Three-phase 45 kW
Working Range	Voltage 0~264 V and current 0~39.5 A	Voltage 0~264 V and current 0~75 A
Connection Mode	Single phase	Three phase Four lines
Mini. Current Step	0.5 A	0.5 A
Mini. Power Step	0k W.11	0k W.33
Range Of Resistance Regulation	6.33 Ω-500 Ω	3.5 Ω-500 Ω
Heat Radiation	Air blast cooling	
Protection	Overvoltage protection, short-circuit protection, abnormal wind speed protection; Equipped with an alarm indicator light and an emergency stop switch;	

#### 5. General Technical Specifications

Power Supply Mode	Charging head taking power; AC (220 ± 22) V, (50 ± 2) Hz	
Temperature Performance	Operating temperature: -25°C~55°C; storage temperature: -30°C~70°C	
Humidity Performance	Working Humidity: <80% @ 30°C, <70% @ 40°C, and <40% @ 50°C Storage humidity: <80% R · H, no condensation	
Altitude	< 3000 m	
Communication Interface	RS 232	
Size Weight	<b>TK4720-9kW</b>	<b>TK4720-45kW</b>
Weight (Kg)	About 20	About 54
Unit size (mm , W *D*H )	400mm* 405mm* 345mm	550mm* 420mm* 590mm



## 6. Ordering Information

TK4720 -  

Power	
Code	Note
9 kW	Single Phase 9kw
45 kW	Three Phase 45kw

E.g. TK4720-45kw note for three phase 45kw