TS-EDW40-001







Product overview

EDW series intelligent DC charging station is a kind of electric device that adopts professional power technology to provide efficient, safe and stable DC power for electric vehicles, and provides a friendly man-machine operation interface with corresponding control, billing, communication and safety protection functions. It can be connected to the background server, perfectly compatible with the OCPP standard protocol to achieve convenient functions such as mobile phone APP control, charging time scheduling and online payment, etc. Diversified communication methods are available for your taking option from Ethernet, WIFI or 3/4G.

1.Technical Parameter

Output Overvoltage Protection

ltem No.	TS-EDW40-001	
Dimension	770mm X 580mm X 265mm	
Weight	85KG	
Screen Material	LCD	
Shell Material	Solid Metal	
AC Input		
lInput Line	3P+N+PE	
Voltage	AC 380V	
Current	≤66A	
Frequency	45~65HZ	
	DC Output	
Voltage	DC150~750V	
Current	100A	
IP Protection Level	IP55	
Operating Temperature	−25 °C ~50 °C	
Relative Humidity	<95%	
Altitude	\le 2000m (Lower the output power when altitude $>$ 2000m)	
Cooling Method	Force-air Cooling	
Network Gateway	Ethernet	
Charging Mode	RFID/APP	
Standby Power Consumption	25W	
Standard	IEC-62196-2;EN61851	
Installation Method	Wall-mount/Floor-stand	
Certificate	CE	
Measure Accuracy	0.5	
Safety Protection Function		
Input Overvoltage Protection	484-500Vac	
Input Undervoltage Protection	260-276Vac	

DC260V~850V

Over Temperature Protection	> 50 °C : output power will be reduced > 75 °C : charging station will be shutdown
Short Circuit Protection	Yes
Emergency Stop Protection	Yes
Leakage Protection	Туре А
Lightning Protection	Level 2

2.Instruction

2.1 Wifi connection

Press the settings button in the upper right corner

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Choose login with "User: Administrator", password: 39935069

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 Example 1 	Lo	gin
Pass	User word	Administrator Enter password
Log in	\supset	Back

Choose "General Information"



Open "Android Virtual Keys"

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Language	>
Administrator Password	>
Working Mode	>
Charging Settings	>
Android Virtual Keys	•
Android Device Catalog	Ding Chang
GPS Virtual Key Display Duration	20 ms
Back	Cancel

Press the button in the red box

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Language		>
Administrator Password		>
Working Mode		>
Charging Settings		>
Android Virtual Keys		•
Android Device Catalog		Ding Chang
GPS Virtual Key Display Duration		20 ms
Back	Cance	el

Click the button in the red box, to enter the menu bar



Select 'Setting' to enter

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Browser Browser Serlings	Carriers Carriers So and Recorder	Charging Station	Dreeleads	Eglow	Galley
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Connect "WIFI"



Press "Charging Station"to return the charging systerm and close android Virtual Keys



2.2 OCPP platform connection

Press "Charging Settings"

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Language	>
Administrator Password	>
Working Mode	>
Charging Settings	>
Android Virtual Keys	
Android Device Catalog	Ding Chang
GPS Virtual Key Display Duration	20 ms
Back	Cancel

Choose "Charging Station Management System"

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Connector Type	>
Charging Authorization Options	>
Smart Charging Settings	>
Advanced Charging Setting	>
Charging Station Management System	>
Other Charging Station Management System	>
Auxiliary Voltage	>
Back	

Enter the corresponding URL to the platform, and the last section is the charger's ID number

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Boot Notification Interval	15 s
Response Timeout	60 s
Ignore WebSocket SSL	()•
Section 3	
Server URL List	User Define
User-defined Server URL	ws://onecharge-prod-ocpp.gramick.app/TS2207110032
Server URL Suffix (Optional)	
Section 4	
Back	Cancel

You can exit after adding the corresponding ID number in the 'Device Information' option

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Charge Point Vendor (*)	telson
Charge Point Model (*)	TS-EDC40-001
Charge Point Serial Number	TS2207110032
Charge Box Serial Number	
Firmware Version	3.10.1
ICCID	
IMSI	
Back	Cancel

Successful login to the platform if the cloud with ' \checkmark '

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2.3 Charging Mode and Method

APP/RFID Mode: support QR code scanning and RFID prepaid charging mode



Plug&Charge: no billing mode





Off-peak Charging Forced Start/Stop Button



Plug&Charge Mode Operation Diagram

Teison APP operation diagram shown as below:



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		WAWUZHUANG WAWUZHUANG WAWUZHUANG WAWUZHUANG Salaria	CNTS21050019_1 Type2 7kW Preparing	CNTS21050019_1 Electricity Server CI/kWh C2/h C30/h
		ingjiwu zhou	Price information	0.00kWh = 0V voltage 0A Current
		Yangzhou Museum 😜 🖉	00:00 - 06:00	ØkW
Home	e	UHAIU	§ €1/kWh €1/h €10/h	Power
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Commo	reial	a a construction of Rd	12:00 - 18:00	Duration 0s
		を 変 と 変	18:00 - 24:00	Charging fee €0.00
5	J	XINSHENG NEIGHBORHOOD		
		Contraster L (Dite	Payment	
		P Teison Station1	Charging card Credit Card	
		99MC+4H Hanjiang District, Yangzh-	Start Charging	Stop

3.Installation

Wall mounted installation



1. Select the appropriate installation position and punch the screw hole position according to the mounting plate mark.



2. Knock the expansion pipe into the hole



3. Use M10/M12 bolts to horizontally fix the mounting plate to the wall.



4. Hang the charging pile on the mounting plate.



5. Tighten the four M6 bolts on the left and right of the mounting plate to prevent the equipment from moving from left to right.



6. After installation, connect the incoming line $(3 * 16 \text{ mm}^2 + 2 * 10 \text{ mm}^2)$ to the power supply.

Column installation







1. Install the column in place

2. Use M10/M12 bolts to fix the mounting plate on the column (holes are reserved on the column).

3. Hang the charging pile on the mounting plate.



4. Tighten the four M6 bolts on the left and right of the mounting plate to prevent the equipment from moving from left to right.



5. After installation, connect the incoming line (3 * 16mm 2 +2 * 10mm 2) to the power supply.