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DO NOT NEED MORE CONSTRUCTION TO EXPAND CAPACITY

New EV Charger of CNU Global

CNU Global Co., Ltd's Apartment-Customized Smart EV Charging System



specification



1	Model	CEC-23107PLW
2	Rated Input	Single Phase AC 220V, 60Hz, 32A, 7kW(or 11kW)
3	Rated Output	Single Phase AC 220V, 60Hz, 32A, 7kW (or 11kW)
4	Operating (Temp./Humidity)	-25°C~45°C, 95%
5	User Interface	4.3 inch TFT LCD, Touch Screen / Voice Guidance
6	User Authentication	RF Card
7	Safety functions	Overvoltage / Overcurrent / Leakage Current / ESD Protection and Detection
8	Size	200x316x110 mm (WxHxD)
9	Connector	SAE J1772 (C Type, AC 단상 5 pin)
10	Protocol	OCPP 1.6
1	Length / Weight	Connector & Cable (Optinal) : 5m (2Kg) / 7m (2.5Kg)
12	Waterproof / Dustproof	IP44
13	Charge Capacity	3.5kW~11kW
14	Communication	Basic : IoT PLC(Power Line Commnuication), Ethernet Option : LTE, WiFi, BLE
15	Charging Power measurement	Accuracy Level 1.0 (Satisfies watt-hour meter approval)

How to use and EV Electric Charger

Standby



Charging service is waiting.

Wait for your membership card to be confirmed.

Charging



Supplying power to electric vehicle. Charging will stop when you disconnect the connector or press the stop charging button

connector or press the stop charging button and touch your membership card.

User Authentication



User information is read from the membership card and commnuciated with the server system.

Charging Complete



Charging is complete and the charging time and power amout are displayed. Release the connector.

Charger Connection Standby



This is the step to request connection to the charger to the confirmed user's vehicle. Charging begins when the user directly connects the connector to the vehicle.

An accurate and safe charger that reflects technology accumulated through the delivery of electricity meters to KEPCO (Korea Electric Power Corporation)



CNU Global directly develops and produces Immediate inspection and respose possible



Various payment method (scheduled soon)

Credit Card, Mobile payment, QR Code payment



Environmentally friendly installation Available in various places



Utilization of control system

Provides various analysis services using mobile phone apps and control systems



Distributes charging control

Efficient charging time management according to power distribution capacity



Safe charging control

PWM Output monitoring and charging current status Safe control managemnet even in case of abnormal charging current

External disignation and size



1	Touch LCD screen	Displays the current status of the charger and receives user input.
2	Lock key	Only authorized administrators have access to the inside of the charger.
3	RF Card Reader	Read membership information from your mbership card.
4	Power Input	Receive power supply from power distrubution box.
5	Power Output	Provides pwoer to vehicle.
6	Connector / Cable	Connector for vechicle connection(auto detection)
7	LED indicator	Indicates the status of the charger.

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