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The Brand of Electricity

ELMARK RFID ELECTRIC VEHICLE CHARGING WALL BOXES



[PRODUCT DETAILS »](#)

RFID EV Charging wall box, it is easy to install, stable in performance, and has a complete protection mechanism. The LCD display can show the detailed charging status. To operate RFID function, it has a card writer and management program. The charger can be used with a stand. This device is a charger that, for reasons of convenience and safety, must meet a number of technical requirements, while at the same time being designed to supply our vehicle in the comfort of our homes. This is the ideal solution for supplying electricity to the battery, as it allows us to make the most of idle hours, such as at night, to charge our vehicles.

TECHNICAL DATA »

- Charger output: socket type 2
- Rated voltage: 207-253V AC; 360-440V AC
- Poles: 1P+N+ PE; 3P+N+ PE
- Rated current: adjustable
- IP code: IP54
- Communication mode: OCPP1.6 Wi-Fi, 4G
- Display: LCD
- Mounting: wall or post
- Working temperature: from -25 to +50°C
- Working humidity: 3-95%
- Working altitude: <2000m
- Terminals: silver plated
- Gun head material: ABS, safe and durable, not easy to ignite
- RFID module for IC card with 2 cards
- DLB: CT 100/5A
- Lock: Electro-magnetic lock DC 12V 4 wire type

ADVANTAGES»

- Applicable with 99% of electric vehicles
- Two installation modes: on the wall or on a stand
- Easy charging activation via magnetic card
- Precise monitoring of PWM signal variations
- Oxygen-free pure copper cables, flame retardant and high temperature resistance



Catalogue number	Rated voltage (V)	Number of poles	Rated power (kW)	Packing/ Box
98EV73	207-253	1P+N+ PE	7.3	1
98EV11	360-440	3P+N+ PE	11	1
98EV22	360-440	3P+N+ PE	22	1

FUNCTIONS »

RFID Function: The charging station can be configured with contactless IC card swiping function, and charging can only be carried out through authorized IC card. If the IC card is lost, the internal dip switch can be used to set the IC card losing module. There are 2 IC cards which are authorized.

DLB Function: This function is the automatic distribution of charging current, through an external current transformer. During the charging process, the charging station will monitor the online charging current in real time and make corresponding adjustments. When it is detected that the current of the main circuit is greater than the set current, the charging station will reduce the charging current until the charging is stopped. When it is detected that the current of the main circuit is less than the set current, the charging station will continue to increase the charging current until 32A or 63A. In this state, the maximum charging current of the charging station is 32A and 63A. While the charging current is uncertain, the current setting switch of the charging station becomes the transformation ratio setting switch of the current transformer. The transformation ratio of the external current transformer is set by software or factory setting. The factory default current transformer transformation ratio is 100A/5A.

RCMU function: When the charging station is working, if there is a DC leakage current signal, the RCMU will immediately output a fault signal and cut off the output power within 300ms, ensuring the safety and reliability of personal and property. If the fault is eliminated, the charging station will automatically restart charging according to the program within 3S. Before charging, the RCMU module of the device will automatically carry out the accuracy and detection of the DC leakage current to ensure the safe and reliable operation of the device.

CT access function: The charging station can provide an analog input function, the input analog is AC0-5A, which is used to display the current working current. When the detected working current is greater than the set current value, the charging station will reduce the charging current to the set current value. Thereby ensuring the safe and reliable operation of the charging station.

LCD display function

DIMENSIONS»

