

## 30kw DC charger for electric vehicle

The all-new innovative RHDC30K-L7-EU electric vehicle DC charger is a high-performance charging solution designed for electric vehicle owners. It features DC input and output protection functions as well as pre-charging functionality. The charger is equipped with Ethernet, Wi-Fi, and 4G LTE connectivity options and built-in OCPP support, enabling seamless integration and management by any charging station electric vehicle operator.

The RHDC30K-L7-EU is suitable for residential, commercial, and public parking lots, supporting all mainstream electric vehicle models. It is compatible with any vehicle charging on the market—low-voltage architecture, high-voltage architecture, and even buses and trucks.



### AC vs DC electric vehicle charging

Electric vehicles use two types of power: AC and DC. While our power grid delivers AC, EV batteries require DC – which means conversion time is needed. DC fast chargers skip this conversion step entirely, delivering significantly faster charging speeds.

#### Advantages

##### Compatibility

Choose the charger that best fits your vehicle and space. We offer two connection types – GB/T and IEC 62196 Type 2 – in compact sizes that fit into tight spaces. With power ratings up to 30kW, you can choose the most suitable model for your needs.

##### Reliability

Your charger should be reliable and durable in all conditions. Choose a charger that is water and dust resistant (labeled IP54 and IK10) and supports both indoor and outdoor installations. A

warranty of at least three years is also a good option.

#### Benefits of electric vehicle dc charger

##### Accessible

As more DC fast chargers are introduced to the public, EV drivers can integrate charging into their daily routines (e.g. charging whilst eating lunch or doing the groceries).

##### Sustainable

One of the key barriers to EV adoption is range anxiety. With more DC fast chargers on the road, your business will be a catalyst in the electric mobility revolution.

##### Easy

EV Just like their AC counterparts, DC fast charging stations are easy-to-use: just tap to pay, plug in, charge, and be on your way. for business are designed to be weatherproof, shockproof, and can withstand 24/7 charging.

##### Safe

DC charging charges your EV to 80 percent capacity at full speed and then reduces output to ensure it doesn't affect the performance of your EV's battery.

##### Convenient

Because you can charge on the go, you don't have to worry about whether a single charge will be enough for your entire journey.