14kw Electric Vehicle Home Charging Stations Cost

14 kW electric vehicle home charging station with a slim, floor-standing design that saves space and delivers high-performance charging. With 4G/WiFi connectivity, it enables remote monitoring, scheduled charging, and firmware updates. It features IP54 dust and water resistance and an average mean time between failures (MTBF) of over 10,000 hours.

Universal compatibility makes it suitable for various parking spaces, providing seamless charging solutions for different electric vehicle models. This product is an ideal choice for real estate developers, fleet operators, and charging infrastructure providers.

14kw Electric Vehicle Home Charging Station

Category	Item	
Input	Power Supply	1P+N+PE
	Rated Voltage	230V AC
	Rated Current	64A

Category	Item	
	Frequency	50/60 Hz
Output	Output Voltage	230V AC
	Maximum Current	2×32A
	Rated Power	2×7kW
User Interface	Cable Length	5 meters
	LED Indicators	Green / Blue / Red
	LCD Display	4.3-inch LCD
	RFID Reader	Mifare ISO / IEC14443A
	Starting Methods	Plug & Play / RFID card / App
	Emergency Stop	Yes
Network Connection	LAN	Yes
	4G	Optional
	WiFi	Yes
	Bluetooth	Yes
	OCPP	OCPP 1.6J
Safety Measures	Energy Meter	Yes
	RCD	Type A + 6mA DC
	Ingress Protection	IP54
	Impact Protection	IK10
	Electrical Protections	Overcurrent, residual current, s
Certification	Certification	CE
	Certification Standards	EN IEC61851-1:2019, IEC61851-1:2
Operating Conditions	Installation	Floor-stand
	Operating Temperature	-30° C ~ +50° C

Category	Item	
	Humidity	5% ~ 95%
	Altitude	< 2000m
Packaging	Connector Type	Type 2 socket
	Product Dimensions (H×W×D)	1200 × 280 × 200 mm
	Package Dimensions (6 pcs)	950 × 1010 × 1430 mm
	Pcs of Gun	Double gun
	Net Weight	25.4 kg
	Packaging Type	Wooden case

Efficient Charging Solutions for Commercial Parking Lots

In commercial applications such as office buildings, shopping mall underground garages, and public parking lots, the 14kW dual-gun charging station can simultaneously provide stable charging capacity of 7kW for two electric vehicles, significantly improving parking space utilization efficiency.

The device supports multiple startup methods, including RFID card swiping, APP control, and plug-and-charge, offering users a flexible and convenient experience. Compatible with the OCPP 1.6 protocol, it can be easily integrated into backend management platforms to meet property management needs for unified billing and remote monitoring.

Smart Charging Solutions for Fleets and Multi-Vehicle Households

For taxi companies, fleet bases, company parking lots, or multi-vehicle household users, frequent and multi-time-slot charging is the norm. This model features a stable operating capability with an MTBF exceeding 10,000 hours, combined with IP54 protection rating and IK10 impact-resistant design, ensuring reliable operation even in outdoor or industrial environments. Additionally, the dual-gun design enables wheel-by-wheel charging management, effectively supporting fleet charging and reducing operational costs.

The Best Choice for Narrow Space Deployment

In some basements, older residential areas, or narrow parking spaces, installation space is limited. The RHAC14K-F2-EU adopts a compact floor-standing structure, saving installation space and not occupying additional wall resources. The overall height of the unit is only 1,200 mm, making it suitable for flexible deployment in narrow environments while maintaining the device's full functionality and ease of use.

Smart Community and Apartment Charging Solution

As the demand for electric vehicle infrastructure grows in urban residential areas, residential communities and apartment underground garages have become key locations for AC charging station deployment. This device is equipped with built-in WiFi, Bluetooth, and an optional 4G module, supporting remote upgrades and backend intelligent control, facilitating centralized management by property management or operators. Compatible with the Type 2 international standard socket, it supports most mainstream electric vehicle models, meeting daily charging needs for households.