

7kw Electric Vehicle Charger Level 2, Portable and Home

RUIHUA **Level 2 Electric Vehicle Charger**, 32A, 208/240V, 7kW output, compatible with National Standard (GB/T) and European Standard (IEC 62196 Type 2) interfaces, and supports adapting J1772 charging connector. Equipped with mounting brackets and pre-installed input cables for quick deployment, the product is suitable for commercial parking lots, corporate fleets and other application scenarios.

The charging station supports RFID card control, which can be activated with a touch of a button for easy access management. The high-strength charging cable is specially designed to remain flexible in extreme weather, preventing freezing and breakage. The charger adopts a waterproof thermoplastic housing, suitable for indoor and outdoor installation, ensuring long-term stable operation.



RUIHUA **Level 2 Electric Vehicle Charger** is built for enterprises, commercial properties and public facilities to provide efficient and safe charging solutions to meet the growing demand for electric mobility. It is equipped with intelligent charging management functions and supports remote monitoring and operation optimization to ensure long-term stable operation of the equipment and enhance the operational efficiency of the charging station.

Intelligent Payment Systems for Diverse Needs

The product is certified by the California Type Evaluation Program (CTEP) to ensure data accuracy and billing transparency. It supports a variety of authentication and payment methods, including RFID, credit card, QR code, mobile payment and face recognition technology, which enhances payment flexibility and optimizes the customer experience, and is suitable for various business scenarios.

Flexible Pricing Strategies to Enhance Operational Profitability

It supports multi-level energy pricing (time-of-use tariffs) and parking fee management, with a maximum current up to 32A, helping operators to develop optimal pricing strategies according to different time periods and user needs, and improving the profitability of charging facilities.

Dual-port design improves asset utilization

Provides dual-port L2 charging pile, each port supports 30A/40A, charging two electric vehicles at the same time, maximizing equipment utilization, improving the charging throughput capacity of commercial sites, and optimizing site resources.

Rugged and durable for a wide range of business environments

RUIHUA L2 charging station is rigorously tested and calibrated to support floor and wall mounting, suitable for hotels, office buildings, commercial parking lots, shopping centers, medical institutions and other places. Adopting high-strength metal casing with excellent dustproof and waterproof performance ensures the stable operation of the equipment in various environments, prolonging the service life and reducing maintenance costs.

Ruihua 7 kw Electric Vehicle Charger Level 2 Parameter

Parameter	Model	RHAC07K-X	RHAC11K-X	RHAC21K-X
	Power Supply	1P+N+PE	3P + N + PE	3P+N+PE
Input	Input Voltage	230V/AC±15%	400V/AC±15%	400V/AC±15%
	Input Current	32A	3*16A	3*32A
	Frequency	50/60 Hz		
Output	Output Voltage	230V/AC±15%	400V/AC±15%	400V/AC±15%
	Maximum Current	32A	3*16A	3*32A
	Rate Power	7KW	11KW	21KW
User Interface	Charge Connector	Type 2 cable		
	Cable Length	5m		
	LED Indicator	Green/Blue/Red		
Communication	LCD	OCCP 1.6 Json (OCCP 2.0 Upgradable)		
	RFID Reader	MifareISO/IEC14443A		
	Start Mode	Plug&Play/RFID card/App		
Safety	Emergency Stop	Yes		
	LAN	Yes		
	4G	Yes		
Safety	Wifi	Yes		
	Bluetooth	Yes		
	OCP	6 mA DC		
Safety	Energy Meter	Yes		
	RCD	6mA DC		
	Ingress Protection	IP65		
Safety	Impact Protection	IK10		
	Electrical Protection	4.3-inch LCD		
	Certification	CE		
Environment	Certification Standard	EN IEC 61851-1:2019, IEC 61851-1:2017, EN 61851-21-2:2018		
	Warranty	1 year		
	Installation	Wall-mount / Pole-mount (Optional)		
Environment	Work Temperature	-30° C~+50° C		
	Work Humidity	5%~95%		
	Work Altitude	<2000m		

Package	Product Dimension	350*250*122 mm (H*W*D)		
	Package Dimension	440*400*190 mm (L*W*H)		
	Net Weight	6.5 kg	7.5 kg	9.5 kg
	Gross Weight	9.5 kg	8.5 kg	10.5 k
	External Package	Carton		

Choose RUIHUA **Level 2 Electric Vehicle Charger** to create an efficient and reliable charging infrastructure that enhances your corporate brand image and meets the market's growing demand for electric vehicle charging. With advanced features, intelligent management systems and multiple payment options, this product provides commercial operators with a future-proof charging solution that creates more revenue opportunities for sustainable growth.