iES-ICS Series: 3.5 kW ~ 22 kW
EU Standard Wallbox AC EV Charger

CE Certification

- SAFE
- STABLE
- EFFICIENT
- INTELLIGENT



Product Introduction

This EU-standard AC charger is a new generation of premium smart charging solution designed for the European market. It supports 7kW, 11kW and 22kW power ratings, with stable and reliable performance. Featuring 4G/5G connectivity and OCPP 1.6J compatibility, it supports multiple charging activation methods and custom feature development. The series is highly integrated and compact, with an elegant appearance. It is easy to install, inspect and maintain, making it suitable for a wide range of AC charging applications in various parking locations.

Product Features

- Meets charging needs for multiple scenarios, including public operation, private home charging and offline charging.
- Built with IP66 ingress protection rating and comprehensive safety protections.
- Supports multiple charging modes, such as QR code payment, RFID card, plug-and-play and Bluetooth.
- Offers powerful scalability and adaptability, directly compatible with mainstream OCPP-based management platforms, supporting both software and hardware customization.

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Technical Specifications

Basic Data	Product Name	Single-phase Residential AC Charger	Single-phase Commercial AC Charger	Three-phase AC Charger	Single-phase Residential AC Charger
	Models	iES-ICS61226	iES-ICS61228	iES-ICS6122X01	iES-ICS6122E
	Dimensions (mm)	190*165*71	355*228*119	380*300*146	415*280*120
	Rated Power	7 kW, 3.5 kW (Optional)	7 kW, 3.5 kW (Optional)	22 kW	14 kW (2 × 7 kW)
	Installation Method	Floor Mounted, Wall Mounted			
	Shell Material	ABS engineering plastic		Cold-rolled steel sheet	
	Communication Protocol	OCPP 1.6J			
	Display Screen	No screen	4.3-inch color LCD screen (Optional)		
	Cable Length	3.5 m, 5 m (customizable)			
Input	Input Frequency	50 / 60 Hz			
	Input Voltage	AC 230 V ± 10% (EU)	AC 230 V ± 10% (EU)	AC 400 V ± 10% (EU)	AC 230 V ± 10% (EU)
Output	Charge Mode	Mode 3			
	Rated Current	32 A、16 A (optional)	32 A、16 A (optional)	32 A (three-phase) 16 A (three-phase、optional)	64 A (2 × 32A /Guns)
	Current Accuracy	≤ ± 1%			
	Ripple Factor	≤ ± 0.5%			
	Customized Features	Current regulation (adjustable 6~32A) connected to photovoltaic inverter (PV)	PFID Extension (Extended Secondary Card) Dynamic Load Balancing (DLB)	PFID Extension (Extended Secondary Card) Dynamic Load Balancing (DLB) MID Electricity Meter	PFID Extension (Extended Secondary Card) MID Electricity Meter
Network	Network Interface	No network, Bluetooth (optional)	4G, Ethernet, no network connection		
Startup	Startup Method	Plug and charge Bluetooth charging (optional) card swiping (optional)	Swiping RFID Card, Scanning QR Code		
Working Environment	Protection Level	IP65	IP66	IP54	IP54
	Working Temperature	-25℃ ~ +50℃			
	Relative Humidity	5% ~ 95% RH			
	Altitude	≤ 2000 m			

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