

Advanced EV charger for public locations

Flexible payment options

INCH Duo is designed for ultimate flexibility. You can use it without a payment terminal, with the terminal of your choice, or switch between them anytime thanks to the charger's modular design. INCH Duo can serve as a central payment terminal for clustered charging stations, boosting utilization, reducing operational costs, and offering convenient payments for all chargers at a location.

Advanced clustering and power management

Run clusters of charging stations with a peace in mind. INCH Duo chargers enable charge point operators to serve a large number of EVs, even in locations with limited power supply. Coupled with Load Guard sensor or a building energy management system, chargers utilise dynamic load management to adjust charging power and prevent overloads.

Easy to navigate

INCH Duo features ergonomic design and an LCD display with straightforward charging instructions in different languages.

Durable design

INCH Duo is an unobtrusive, durable charger, ready for continuous operation in demanding public locations. Built from robust stainless steel, it delivers exceptional resilience and reliability in all weather conditions.

Easy installation and maintenance

A wide-opening service door and click-in modules enable fast maintenance, while tilt and door sensors provide instant alerts for accidents or vandalism, enhancing safety and uptime.

Stand out with customisation

Flat surfaces offer valuable opportunities for branding and customisation, to make sure your charging network stands out.

Monitor and manage charging from one place

MyINCH web interface gives you full control of INCH charging stations (configuration, insights, and advanced diagnostics) from any device on the same network. Gain visibility into energy usage and enable remote troubleshooting to streamline operations and reduce maintenance costs.



INCH Duo + payment terminal

Max charging power	2 x 22 kW (3 x 32 A per connector)	
Charging outlet type	2 x Type 2 socket with a cable lock	
Level of protection	IP 54, IK 10	
Electrical protection	DC fault current sensor 6 mA + RCD type A / RCD type B / MCB char. C, 40 A	
User identification	PIN code, RFID, app*, QR code	PIN code, RFID, credit card, app*, QR code
Contactless payment	Yes, with different payment terminals (e.g. Payter P66, Apollo, CCV IM15 Edge)	
Communication	Ethernet, 4G LTE	
EV communication	IEC 61851, ISO 15118 HW ready	
Connectivity	OCPP 1.6 JSON, Modbus TCP, OCPP 2.0.1 partially supported	
Dynamic load balancing	Yes	
Clustering	Up to 36 connectors, expandable**	
Energy meter	MID	
Smart building integration (BEM)	Yes, Modbus TCP	
User interfaces	App* or embedded web interface	
Demand response capabilities	Frequency control, Di-Do, 240-12V optional	
Dimensions	134.3 x 31.2 x 20 cm	
Weight	38 kg (depending on configuration)	
Operating temperature, humidity, altitude	-25°C to +65°C, up to 95% relative humidity, 2000m	
Material	Stainless steel with anti-corrosion protection	
Colour options	Grey, white	

*When connected to a charge point management system.

**Depending on characteristics of the charging site.

