

Robust charger for semi-public locations

Top performance and reliability

INCH Pro shines with unmatched consistency and reliability, delivering a high charge success rate and maximum uptime, keeping EV drivers moving with confidence.

Simple user authorisation with different payment options

INCH Pro charging stations offer multiple authentication methods: RFID, app (when connected to CPMS), PIN or QR code, adapting seamlessly to any business need while keeping charging secure and effortless for every user.

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.

Dynamic load management

Run clusters of charging stations with a peace in mind. INCH Pro 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

A touch colour LCD screen showcases instructions, promotions, and real-time charging data, while indicator lights and audio cues let users interact their way, for effortless, intuitive charging every time.

Refurbishment program

We help our partners keep their assets modern and performing at their best by upgrading used INCH Pro chargers, extending their lifespan, maximizing value, and significantly reducing environmental impact.

Durable design

The stainless-steel enclosure of the INCH Pro charging station is built to withstand the harshest weather conditions, making it great for both, indoor and outdoor use.



INCH Pro

ETREL

Max charging power	7.4 kW (1 x 32 A), 22 kW (3 x 32 A)
Charging outlet type	Type 2 socket (optional shutter) with a cable lock or Type 2 tethered charging cable (5 or 7 m)
Level of protection	IP 56, IK 10
Electrical protection	DC fault current sensors 6 mA (default) + RCD Type A/RCD type B/MCB char. C or RCBO or RCBO + MID
User identification	PIN code, QR code, RFID, app*
Communication	Ethernet, Wi-Fi or 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	Yes, MID optional
Smart building integration (BEM)	Modbus TCP, custom smart meter integration
User interfaces	LCD Screen, embedded web interface MyINCH, app*
Demand response capabilities	Digital inputs 12V DC signal optional, OCPP
Dimensions (model with socket)	45 x 27 x 13.5 cm
Weight (model with socket)	8.2 kg
Operating temperature, humidity, altitude	-25°C to +65°C, up to 95% relative humidity, 2000 m
Material	Aluminium housing, Polycarbonate Lexan cover plate
Colour options	Graphite grey, white optional

*When connected to a charge point management system.

**Depending on characteristics of charging site.

