

INCH Duo

PAS 1899 Compliant

ETREL

Advanced EV charger for public locations

Accessibility, built in

The INCH Duo PAS 1899 version is designed with inclusion at its core. With lowered sockets, optimised outlet positioning, and an accessible screen and payment terminal, it meets PAS 1899 guidance and delivers a charging experience that works for everyone.

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.

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.

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 enables 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.



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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 / MCB char. C, 40 A
User identification	PIN code, RFID, app*, QR code
Contactless payment	Yes, payment terminal of your choice (e.g. Payter P66, Apollo, CCV IM15 Edge)
Communication	Ethernet, Wi-Fi, 4G LTE
EV communication	IEC 61851
	ISO 15118-3 compatible
	ISO 15118-2 support is available from firmware version 9.0 onwards
Connectivity	OCPP 1.6 JSON, OCPP 2.0.1
Dynamic load balancing	Yes
Clustering	Up to 36 connectors**, expandable
Energy meter	Yes, MID meter
Smart building integration (BEM)	Yes, Modbus TCP
User interfaces	App* or embedded web interface
Demand response capabilities	Frequency control, Di-Do, 240-12V optional
Material	Stainless steel (custom powder coating optional)
Colour options	Grey, white

*When connected to a charge point management system.

**Depending on characteristics of the charging site.

✓ ISO 15118 HW ready

✓ PAS 1899 compliant

