PRODUCT SHEET

OSHTIA EV Charger

OSHTIA EV Charger is a connected electric vehicle charger that can be managed remotely

Type:	Product sheet
Product:	OSHTIA EV Charger
System:	AITHANEX (management, data and operations platform)
Audience:	Customer, presales, management and operations
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Status:	Product in development. Availability to be confirmed.

Purpose

OSHTIA EV Charger is a connected electric vehicle charger that can be managed remotely. It deploys charging points with user identification and power management.

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When the project enables it, it can be integrated with AITHANEX for supervised remote support and control. Remote operation is subject to permissions, deployment configuration and actions manually enabled by the user.

What it solves

It allows managed EV charging to be deployed, connected to a common system and ready for remote operation.

Where it is used

- Residential garages.
- Company car parks.
- Residential communities.
- Hotels, restaurants and shopping centres.
- Fleets of vans, taxis or delivery vehicles.
- Public car parks and industrial buildings with their own fleet.
- On public roads through integration into street lights: see OSHTIA VIAL.

Available versions

- **OSHTIA EV Charger single-phase indoor**. Charger for homes, garages or indoor installations, with a plastic enclosure.
- **OSHTIA EV Charger three-phase indoor**. Charger for installations with a three-phase supply and more available power, with a plastic enclosure.
- **OSHTIA EV Charger dual single-phase indoor**. Unit with two single-phase outlets for simultaneous charging in residential, community or corporate environments, with a plastic enclosure.

Main capabilities

- **Single-phase, three-phase or dual single-phase charging**. It adapts to homes, car parks and fleets.
- **Indoor format with plastic enclosure**. It covers the home and indoor versions for protected installations.
- **Mobile control app**. It lets you check the charger status, control sessions, apply scheduling and review operational alerts from your phone.

Management and integration:

- **Available power management**. It allows power to be shared between charging points.
- **Flexible identification**. It supports RFID, NFC and the mobile app.
- **POS connection**. It allows payment through an optional external POS terminal when the deployment requires it.
- **OCPP compatibility**. OCPP 1.6: implemented and tested on the previous charger generation; the new charger, in development, keeps it.
- **Remote software update**. It eases maintenance and evolution of the charger.
- **Integration with** AITHANEX. When the deployment enables it, it provides data, history and events for monitoring and supervised remote support.

Main advantages

- **Adaptation to the environment.** The single-phase, three-phase and dual single-phase versions cover homes, businesses and fleets.
- **Usage control.** Identification by RFID, NFC or app helps to know who charges, when and under what conditions.
- **Power management.** The system can adjust or share power according to the installation and the defined policy.
- **Open integration.** OCPP compatibility eases connection with compatible platforms when the project requires it.
- **Supervised remote support.** Integration with AITHANEX can provide data and history for maintenance under permissions and actions enabled by the user.

References

- AITHANEX: https://aitha.es/en/platform/
- OSHTIA VIAL: https://oshtia.com/en/models/vial/