

Indra Smart Pro

7.4kW AC Vehicle Charger

The **Smart Pro** is the smartest AC Electric Vehicle charger available on the market. Fully-featured, the **Smart Pro** will ensure your EV charges at the optimum time, and is available when you need it to be. **Smart by name, and smart by nature.**

Product Overview

- **Market-leading range of smart features, including solar matching and load curtailment**
- **Capable of delaying charging sessions to ensure they take place at the cheapest time**
- **Fully-integrated with no need to install additional hardware or boxes**
- **Remotely updateable firmware to allow rapid deployment of new features**
- **3-year product warranty with options to extend**
- **Available with a Universal Socket, Type 1 tethered cable, or Type 2 tethered cable**

The Smart Pro is the most feature-rich EV charger available on the market, ensuring your EV is always ready when you need it whilst maximising opportunities to charge from local solar and from the Grid when it is cheapest to do so. The Smart Pro features a simple on-unit interface and a supporting Mobile App that provides current status and historical information, as well as enabling easy configuration of the unit.

The Smart Pro is fully compliant with all relevant standards and works with all EVs, those available today and those coming in the future. It is quick and easy to install, and eligible for the OLEV EVHS Grant when fitted by a registered installer. The Smart Pro comes with a 3-year warranty as standard, and will never let you down, ensuring you are always charged and ready to go when you need to be.



Indra Renewable Technologies

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Features and Benefits

The Smart Pro is designed from the ground up as a smart charger, and contains features that will make your charging easier:

- **Solar Matching** – detection of surplus solar generation and diversion of this energy into your car, allowing you to maximise self-consumption and zero carbon charging
- **Tariff Integration** – set your energy tariff details and we'll do the rest, ensuring your car charges at the time cheapest for you
- **Vehicle Integration** – we can pair directly with a number of vehicles to allow better synchronisation between our charger and your car, helping to optimise your charging
- **Scheduling** – you can set the time each day you want your car charged by and let the charger do the rest, ensuring you charge at the cheapest time and your car is ready when you need it
- **Load Curtailment** – the unit measures total house energy usage and will de-rate as necessary to avoid overloading your supply, removing the risk of a power cut and need to call out your utility provider
- **Fully integrated** – what you see is what you get; no need for additional boxes hidden around your house, everything is contained within the product, keeping installation impact as low as possible
- **Boost charging** – for when you need your car charged in a hurry, you can override optimisation and charge at full power, to get your battery fuller faster
- **OTA Firmware Upgrades** – The device's firmware is upgradeable remotely without you having to do anything, ensuring your charger remains as smart as can be – new features are automatically installed

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Specifications

Features

- Solar Matching
- Load Limiting
- Load Curtailment
- Tariff Integration
- Ready-by Time
- Charging Schedule
- Controlled by Kaluza Flex Mobile App

Electrical

- Rated power **7.4kW**
- Charging Current **6A – 32A variable**
- Nominal Supply **230VAC 50Hz**
- Protection **6ma DC leakage detection**
- Standby Consumption **<5W**

Mechanical

- Dimensions **200mm x 420mm x 130mm (WxHxD)**
- Weight **3.5kg**
- Operating Temperature **-10°C to +50°C**
- Operating Humidity **5% - 95%**
- Enclosure **Polycarbonate, IP64 rated**
- Protection **IK10**

Compliance

- OLEV EVHS approved
- CE Marked
- Standards **EMC Directive 2014/30/EU, BS EN 61851-1, 61851-21, 61851-22, 60529, 50581, 50419, IEC 61024-3**

General

- Operating Temperature **-25°C to +50°C**
- Operating Humidity **10% to 85%**



More Information

For more information,
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