



INDRA Smart Pro Datasheet

Smart Charger - Commercial



INDRA Smart Pro

7.4kW AC Vehicle Charger

General Specifications

General

Model name	Smart Pro
Weight	3.5kg (excluding cable)
Operating temperature	-20°C to 50°C
Storage temperature	-20°C to 80°C
Operating humidity	10% to 85%
Communications	Ethernet or Cellular Network
Communications protocol	Kaluza proprietary
Charging Cable Length	5m (tethered)



Tethered Smart Pro Unit

Product Features

Weather protected

Smart Scheduling

Off-peak charging

Quick Boost

Continuous updates

Fuse Protection



Untethered Smart Pro Unit

The INDRA Smart Pro provides universal charging flexibility through the availability of both a tethered and untethered charging unit.

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Electrical Specifications

Electrical

Rated power	7.4kW
Charging current	6A-32A variable
Standby consumption	<5W
Nominal frequency	50Hz
Metering	Accuracy to 0.2s
Overvoltage category	CAT III

Voltage

Input voltage	230V, AC \pm 10% (1P)
Output voltage	Variable up to 32A

Protection

Protection	6ma DC leakage detection
Degree of protection	IP64 protection

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Mechanical Specifications

Mechanical

Dimensions:

Height	420mm
Width	200mm
Depth	130mm
Mode 3	Type 1 or Type 2 tethered cable
Enclosure	Polycarbonate, IP64 rated
Protection	IK10

Compliance Specifications

Standards & 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

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

Load Curtailment Safety Feature:

Load curtailment functionality in the Smart Charger devices enables a varied rate of charging to optimise use of fuse capacity. Where there are multiple devices with high electrical demands on a property, it is particularly important for Smart Charger Installers to validate that calibration has been performed. This is in order to comply with safety regulations of the DNOs and situations where the house fuse may blow, resulting in an expensive, time consuming site visit from a DNO to change the fuse and/ or restrict charging to priority devices. It may also result in penalties from DNOs.

Warranty and Support:

We will cover the cost of all parts and labour for repairing faults that are covered by the warranty, including delivery. Instead of carrying out a repair, we may replace your Smart Pro with similar quality new or reconditioned equipment. If we determine that an issue or defect is not covered by this warranty, or if you do not keep an appointment, we reserve the right to charge a reasonable fee for the visit to your property to inspect your Smart Pro, and we may also be able to provide you with a quote to fix or replace.

Any hardware failure should be reported to us via support@indra.co.uk or by calling **01684 770 631**. Please detail what the issue is and be ready with the product information such as serial number and location.

For full details on the Smart Pro installation process and product features please visit indra.co.uk or contact us to download the INDRA Smart Pro Installation Guide.