

Meet PlugStream 7S

Beyond smart - get more from your electric car with our clever, easy-to-use, and future-proof charging technology.



✓ Real time consumption reporting based on energy tariffs.

✓ 3 year warranty as standard, 5 years with installer activation.

✓ Schedule charging for optimal times.

Key Features

Single phase 7kW charge point. PlugStream 7S offers incredible build quality and a range of smart features delivered in a compact, British design. Solar charge and automatically load balance energy between the charger and your home while synchronizing with agile electricity tariffs and dual tariffs to suit your wallet.

Up to 7kW

Specifically tailored to deliver EV charging at multi-dwelling, private communal parking, leisure settings and business premises. Available with a universal socket or a 7m tethered cable (Type 2 only).

Start, stop & schedule charging

Power your car for less by setting up a schedule in the PlugStream app, based on your energy tariff and time preferences.

Connected through Wi-Fi, Ethernet or 4G

Stay connected with Wi-fi, Bluetooth or Cat 5 Ethernet as standard. 4G cellular as an optional extra.

Solar Charging

Charge your vehicles with our solar matching or net-zero technologies (using an additional CT clamp)

OCPP 2.0.1 Compliant

PlugStream 7 is back-office agnostic, making it ready to integrate with PlugStream Cloud or any OCPP-compliant software platform.

Installer Friendly

With built-in state-of-the-art PEN protection, PlugStream does not require an Earth Rod to be installed.

Integral 6mA DC leakage detection, no Type B RCD required. Power installation options available through the rear of the enclosure or at the base.

Over The Air Software Updates

PlugStream will automatically upgrade to the latest firmware over-the-air, allowing you to easily benefit from the latest features!

Automated Load Management

Distribute available site power across your charging infrastructure using multiple local or automatic load management options.

Charging Driven By Energy Tariff

Take advantage of the cheapest off peak rates, and your smart meter! Just plug in your car and let PlugStream work for you.

Detailed Specifications

Product Information

- Model: PlugStream 7S (PS-7S)
- Capacity: Single Phase, 7kW AC
- Charging Connector: Socket, IEC 62196/Type 2
- Dimensions (mm): 270 (H) x 190 (W) x 100 (D)
- Mounting Type: Wall/Pole mounted
- Colour: Black
- Unit Material: PC / ASA-CF20
- Charging Mode: Mode 3 (compliant with BS EN IEC 61851-1:2019)
- Covers available in Black, Reg, Green and Grey

Electrical Properties

- Rated supply voltage: 230 AC – Single Phase
- Rated power: 7.4 kW
- Rated current of assembly: 32A (max)
- Output: AC 230V 7.4 kW Single Phase
- Mains Frequency: 50 Hz
- Compatible earthing systems: TN-C-S & TN-S (PEN Fault Protection) or TT
- Electromagnet Compatibility (EMC): Classification Type B



190 mm

Connectivity

- WiFi: Wi-Fi 802.11b/g/n @2.4 GHz
- Bluetooth: Bluetooth LE (Version 5.0)
- 4G (LTE) Connectivity (Optional Upgrade)

Safety

- RCD Protection: Internal 6mA DC RCD (External AC Protection Required, "A" Type Recommend)
- PEN Fault Protection: Integrated PEN fault protection compliant with Amendment 2 of BS7671:2018.
- Overcurrent protection: External protection required (MCB or RCBO). We recommend using B or C Curve, 40A

Standards and Compliance

- Electric Vehicles (Smart Charge Points) Regulations 2021
- EV Charging Compliance | EN 61851-1:2019, BS 7671:2018 + A1:2020 RoHS | 2011/65/EU
- Safety Compliance | 2014/53/EU Radio Equipment Directive 3.1(a) – EN IEC 61851-1:2019 / EN 62196-1:2014 / IEC TS 61439-7:2014
- EMC Compliance | 2014/53/EU Radio Equipment Directive 3.1(b) – EN IEC 61851-21-2:2021, EN 55032:2015 + A1:2020 (Class B)
- Commission Regulation (EC) No 1275/2008
- Impact Protection: IK10
- Ingress Protection: IP66

Environment

- Operating Temperature: -25 to 40 °C | Operating Humidity: Up to 95% RH, non-condensing | Environmental
- Protection: IP66 | Pollution degree: 3 Maximum Altitude Level: 2000m

AVAILABLE
EXCLUSIVELY AT

EV WAREHOUSE

ELECTRIC VEHICLE CHARGER PLATFORM



80 mm

270 mm

PlugStream is compatible with all EV's

