

Smart Charge

Small, smart, future-proof charging.
Designed to comply with Building
Regulations Part S.



Meet UPOWA Smart Charge, our small, intelligent and powerful 7.4 kW EV charger, made to meet the specific needs of the housebuilding industry.

It comes with both integrated O-Pen fault detection and 6mA DC leakage protection. This makes it quick, safe and simple to install with no need for costly groundworks or earth rod.

UPOWA Smart Charge offers housing developers the perfect future-proof charging solution that is fully compliant with Part S of the Building Regulations.

Key features

- Up to 7.4kW power range
- Compatible with all Type 2 charging cables
- Built-in earthing protection, no additional Type B RCD required
- Built-in 6mA DC leakage protection
- Compact design: 187mm x 122mm x 90mm
- Quick and easy to install, wall or post mounted
- OZEV approved
- RFID as standard
- Simple to use smartphone app
- Start, stop and scheduled smart charging functionality
- Multi-colour LED indicator
- Ethernet/WiFi connectivity
- Built-in solar integration
- Fully weatherproof, IP54 rated
- 3-year warranty
- Weight 1.5 kg

Future-proof your housing developments

Specify the small, cost-effective and easy to install UPOWA Smart Charge and meet Part S of the new Building Regulations.

Electrical specifications

AC nominal input and output

Rated input voltage	230V AC (single phase)
Rated frequency	50Hz
Rated output power	Up to 7.4kW max
Rated output current	32A (adjustable)

Protection

Over and under voltage protection	Yes
Earth leakage protection	Built-in Type A 30mA 6mA DC RCD and 30mA AC leakage detection

Functionality

Charging socket	BS62196 Type 2 socket
Charging mode	Mode 3 fast charging (BS61851)
Status indication	LED indicator
Connectivity	Ethernet/WiFi
Standby power consumption	3W

Mechanical specifications

Product dimensions (H x W x D)	187mm x 122mm x 90mm
Product weight	1.5kg
Mounting method	Wall or post mounted
Operating temperature	-25°C to +75°C
Operating humidity	<95%
IP Rating	IP54

Compliance

Certification and safety standards	CE, BS61851, BS62196, BS7671, OCPP, OZEV
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