waEV charge

Powered by:

ev. energy

Rated
Excellent

Trustpilot

Product Guide & Data Sheet

The EV1s

Where style meets function...

Discover the sensational EV1s, the newest star in our product range.

Boasting a sleek design, the EV1s caters flawlessly to residential needs seeking a minimalistic aesthetic, whilst being a game changer for commercial properties seeking untethered, cutting-edge chargers.

Untethered Flexibility...

The EV1s brings an untethered charging solution to the waEV-charge offerings, giving you the extra flexibility, you need. Say goodbye to cable length limitations, welcome the freedom to customise your charging experience.

Available in both 7.4kW and 22kW options, this is a fantastic solution to those wanting a cleaner aesthetic, but also encompasses all the amazing benefits and features of our other models. It's the perfect blend.

Make a Stand...

Whether you're looking to install an EV charger on your driveway or at your workplace, our bespoke charger pedestal provides a convenient and secure way to do so. Plus, with its sleek and modern design, it's sure to blend seamlessly into any space.

Choose waEV-charge's pedestal for an easy and hassle-free installation of your EV charger. With it's sturdy and reliable construction, you can rest assured your electric vehicle will always be charged and ready to go.

The EV1

The Original.

The first of our EV charger range, the "EV1" released in 2022, with it's iconic orange branding. The EV1 charger is loved by many and offers a reliable & cost effective solution for those who like a bit more colour.

The EV1 is packed with many features including RFID, WiFi & Bluetooth and is powered by ev.energy, with features such as Solar Integration and much more… all at a cost effective price.

Convenience and Power.

The EV1 charger comes with a 5m tethered, Type 2 cable and is available in both 7.4kW & 22kW models, allowing for up to 10x fast charging when compared with the 3-pin slow charger.

Equipped with a status light and powered by the ev.energy app, the EV1 is reliable & powerful EV charger with it's extensive list of features.

We include a 3-year warranty and our aftercare team are available online 24/7, should you encounter any technical or support issues.

Powered by...

ev.energy's technology takes the EV1 smart charger to the next level, offering our customers access to the cleanest and cheapest charge, which is sensitive to the demand on the national grid.

With the ev.energy app, you can plan your charging to take advantage of off-peak electricity rates, which helps you save money while reducing your carbon footprint.

Additionally, the app updates you in real-time on your charging progress and estimated charging time, allowing you to stay informed and schedule your day accordingly.

The EV1i

Our Quality.

The waEV-charge EV1i charger has been built from the ground up with quality, safety & future EV technology at its core focus. Our charger is both TUV CE & UKCA quality certified, OZEV (EVHS & WCS) approved and features PEN protection with no requirement for an earth rod, allowing for a quick and easy install.

Our Installation.

The waEV-charge EV1i charger has been designed for a quick & easy install and can be carried out by any qualified electrician when accompanied with our installer guide & phone support. If you purchase our installation service, we aim to have your charger installed in as little as 5 days (standard install < 2 weeks).

Our Technology.

waEV-charge EV chargers are designed with the future in mind and are suitable for both commercial & domestic installs.
All components can be easily upgraded with future EV technology and with minimal further investment. The ev.energy smart app includes features such as scheduled charging & energy/cost monitoring.

Our Aftercare.

The waEV-charge EV1i charger comes with a 3-year warranty from the day the unit is first used for charging. On new build sites, this is transferred to the home owner once the sale has completed and all warranty and aftercare information is detailed in our welcome pack should they encounter any technical issues.

Our Pricing.

Our pricing structure has been designed to work alongside you and your requirements. Whether you require a single EV charger for your home, 20 EV chargers for your office car park or 100+ EV chargers for your housing development, our sales team are on hand to design a pricing structure which works for you.

Our Service.

waEV-charge pride ourselves on customer service, with many of the team coming from a construction background. We therefore understand the challenges involved when building large developments or managing residential & commercial buildings and your dedicated project manager is on hand to answer & support your every request.

FEATURES

- UK Based
- OZEZ Approved
- 3 Year Warranty
- Powered by ev.energy
- Integrated RFID Reader
- Integrated Cable Holster
- Compliant with EVSCP Regulations
- Quick & Easy Install & Setup
- No earth rod required
- Full Solar Integration
- Pando Management Software Integration
- Suitable for Domestic & Commercial

The EV1

The EV1i

The EV1s

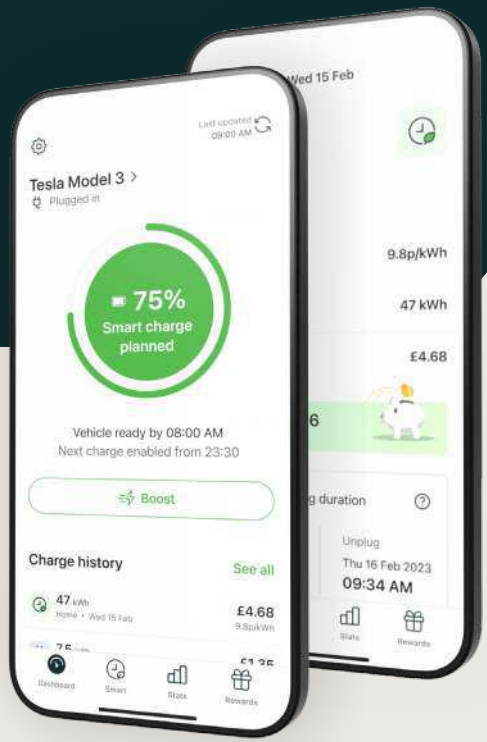
- Cloud Updates
- Smart Charger Lock
- Available in 7kW & 22kW
- Solar Integration
- Scheduled Charging
- Energy Tariff Integration
- ev.energy Smart App Integration
- Cost-effective for everyone
- Pedestal Option Available
- WiFi & LAN
- Load Balancing
- Energy Measurement

GALLERY

Powered by:

ev. energy

Full control in the palm of your hand.

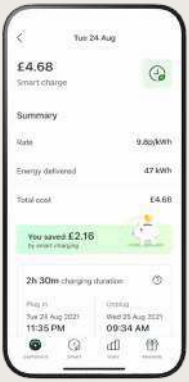


Automatically charge your vehicle with the cheapest and cleanest electricity available in your area.

- Save money on your energy bills
- Track your charging costs and kWh
- Claim rewards for Smart Charging
- Integrates with your home solar
- Get award-winning customer support

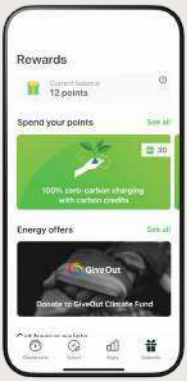
Charge smart, drive happy

We optimise your charging to lower costs and carbon emissions automatically.



All the insights you need

See all your charges, filter by type and tap to get a full summary of each session - with info on energy, cost, emissions and more.



Watch the rewards roll in

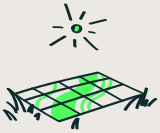
Earn shopping and carbon-offsetting vouchers or get money off your energy bill with our Rewards scheme.

Powered by sunshine.

If you've invested in home solar panels, or are just about to, this one's for you.

- **Works with existing hardware**
  Just tell us the size of your array and plug into self-generated solar power.
- **Free, green energy**
  Charge with free solar instead of grid power to reduce your energy bill.
- **Make every kWh count**
  Soak up and reduce or remove your reliance on dirty fossil fuels.

Two powerful options



Solar Only

Ramp the electric current of your charge up or down to meet your self-generated solar output for a truly zero-cost, zero-carbon without using energy from the grid.

Solar Smart

Charge with Solar Only when the sun is shining, then pull in grid energy when required to ensure a full charge. You get the cheapest, greenest charge every time, guaranteed.

ev.energy includes:

- **Smart Charging**
- **Charge History and Summary**
- **Rewards**
- **Statistics**
- **Charger Lock**
- **Friendly Support**

Add ev.energy SOLAR from £50 per year

- **Solar Only Mode**
  Match the charge rate of your vehicle to the amount of solar power being exported to the grid. This allows you to entirely self-consume the solar power you generate.
- **Solar Smart Mode**
  Combine your zero-carbon Solar energy with your energy tariff to ensure your car is always charged for when you need it using the cheapest and greenest energy possible.
- **Solar Saving Guarantee**
  With our Sunshine Promise, we guarantee you'll save at least £50 in the next 12 months or sooner. If not, we'll refund you the difference.

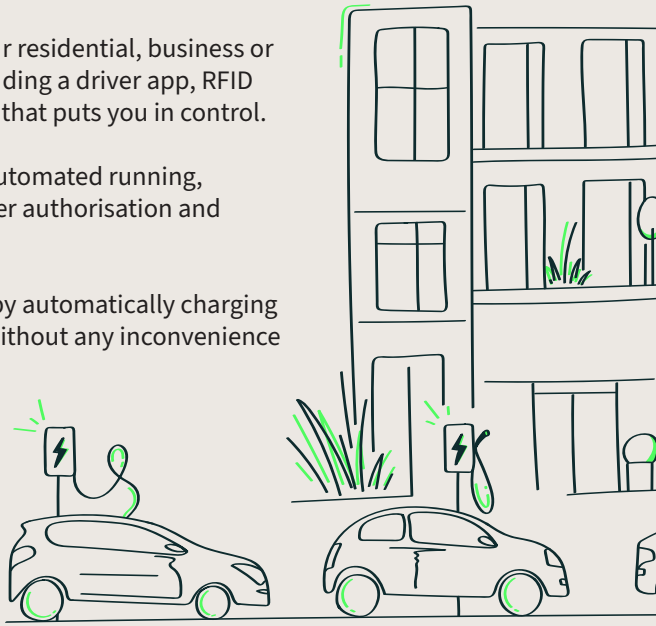
ev.energy PANDO

Shared EV Charging, without the fuss.

Get everything you need to run your residential, business or commercial EV charging sites, including a driver app, RFID cards and a management platform that puts you in control.

Save hassle with easy set-up and automated running, including seamless payments, driver authorisation and carbon tracking.

Then reduce your electricity costs by automatically charging your sites at the cheapest times - without any inconvenience to drivers.

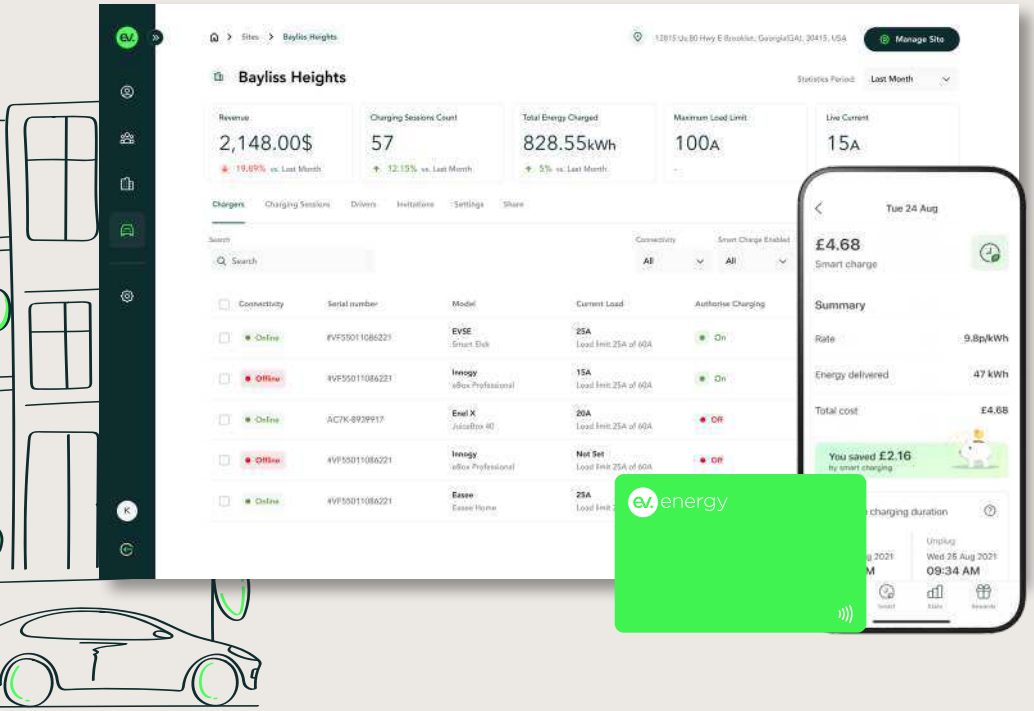


Who is Shared EV Charging for?

Workplaces & Fleets

Apartment Buildings

Municipalities



Pando Features

- Load Management
- Driver Authorisation
- Easy setup
- OCPP
- Partner API
- Charging Reports
- Hardware Agnostic
- Car Integration
- Driver App
- Smart Charging
- Solar Integration
- Full Cost Control
- Carbon Accounting
- Secure
- Collaborate
- Virtual Power Plant
- Utility Tariff Integration
- Remote Configuration

Tap Electric for Drivers

Simple, reliable & cheap. That's charging on Tap

Easily pay for EV charging at home, at work and on the road

Getting started with the app

FOR DRIVERS

1. Download the app,
2. Start charging, no registration required
3. Pay-as-you-go or subscribe for discounted charging

One app for all your charging

AT HOME OR AT WORK

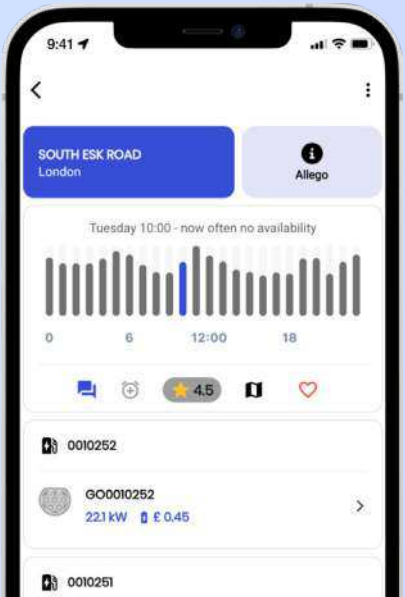
When your landlord or employer chooses Tap to collect payments, subscribe for best value

On the road

Use Tap seamlessly at our ever-growing network of public chargers

Why choose Tap Electric?

- Smart notifications like "full battery" and "charger available"
- P2P and group messaging
- AI-powered availability predictions
- Real-time cost calculations and auto-stop on max cost
- Find the cheapest chargers nearby



Scan here to download the app or visit **tapelectric.app**

Pay G Pay

Tap Electric for Owners

Simple, reliable & free. That's charging on Tap

Collect payment for your EV charger
with an app that drivers love

Getting started with the app

FOR OWNERS

Always free

Connect your charger in one minute

Set your tarrif and configure who gets access

Connect your bank account

One app for all your charging

FOR DRIVERS

Download the app

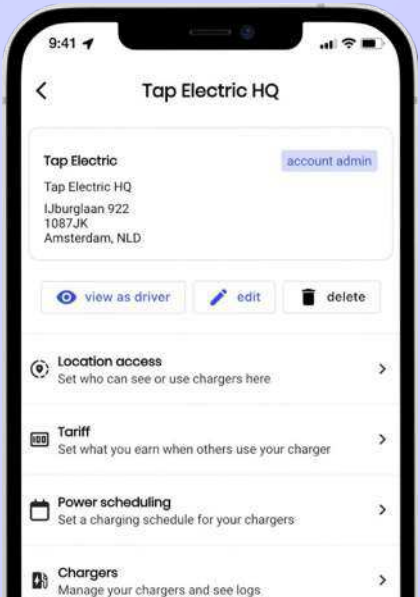
Start charging no registration required

Pay owner fee + transaction fee

Tap subscription	TXN fee from 0%
Pay-as-you-go	TXN fee 10%

Why choose Tap Electric?

- You decide what you earn
- You control who gets access
- We pay out to you every month
- It's always free for owners
- Drivers love our great features and network of public chargers



tap

Scan here to download the app
or visit **tapelectric.app**

Pay G Pay

CASE STUDY

Westfield Mall London, Toshi

Client:
Toshi Ltd (EV Delivery Company)

Site:
Westfield Mall London, UK

Charger:
waEV-charge EV1

Size:
19 chargers

Toshi operates a luxury goods EV delivery fleet from Westfield Shopping Centre, London. Their requirement was for their fleet to be charged in a public, accessible underground car park.

Pando for Shared EV Charging was implemented to manage the site. Employees are supplied with RFID cards to authorise their charging sessions.

Charging data can then be exported from Pando for remote operational and accounting reporting.

WAEV-CHARGE EV CHARGERS ARE COMPATIBLE WITH ALL PLUG-IN ELECTRIC VEHICLES

SPECIFICATIONS

Technical Data	
Model	waEV-charge EV1, EV1i & EV1s
Power Options	Single Phase 7.4kW AC & Three Phase 22kW AC
Charging Connector	Tethered, IEC 62196/Type 2 (standard) OR SAE J1772/Type 1W
Tethered cable length	EV1 & EVi - 5 Meters | EV1s is untethered
Charging Protocol	Mode 3 (EN/IEC 61851)
Protection	**PEN Fault Protection**: Built-in open PEN protection (detection + isolation) in compliance with Amendment No 1 of BS 7671:2018". waEV-charge EV chargers can safely be installed without an earth-rod. **RCD Protection**: Integrated 6mA DC RDC-DD, Type A RCD/MCB or RCBO required at source
Electrical Specifications	**AC Charging Output:** 7.4kW, 32A@230V AC / 22kW, 32A@230V- 400V AC (Charging power may vary based on vehicle make and model) **Input Voltage:** 230-400 ± 10% V AC **Input Frequency** 50/60 Hz **Input Current: (max) 32A** **Energy Monitoring:** Power and energy monitoring via ev.energy smart app **Overcurrent Protection**: Internal overcurrent protection
Physical Specifications	**Dimensions (H x W x D):** 361mm x 250mm x 100mm (EV1 & EV1i) **Dimensions (H x W x D):** 361mm x 250mm x 160mm (EV1s) **Mounting Type:** Wall mounted - Bracket & Mounting Bolts **Colour:** Black **Weight:** 7kW EV1 & EV1i – 4.4kg / 22kW EV1 & EV1i – 5.7kg **Material:** ABS composite
Physical Specifications	**Operating Temperature:** -30 to 50° C **Operating Humidity:** Up to 95% RH, non-condensing **Environmental Protection:** IP65
Standards and Compliance	**Certifications:** TUV CE & UKCA **Safety Compliance:** UVP, OVP, RDC-DD (DC 6mA), SPD, Ground Fault Protection OCP, OTP, Control Pilot Fault Protection, **Onboard dynamic load balancing** **EV Charging Compliance:** EN 61851-1:2019, EN 61851-21:2002, EN 61851-22:2002
Communication	**Status indication:** Blue, Green, Red LED faceplate indicator **Comms Standard:** Wi-Fi 802.11b/g/n @2.4 GHz, Bluetooth **Communication Protocol:** OCPP 1.6/2.0 **Network Security:** WLAN with 256-Bit Encryption

SPECIFICATIONS

Products

MPN	Manufacturer Description	Barcode EAN	Weight (kg)
WAEVEV17WIFI	waEV-charge EV1 Smart Charger - 7.4kW - 5m Tethered Cable - WIFI/LAN - Powered by ev.energy	5070000255446	5.3kg
WAEVEV17WIFIS	waEV-charge EV1 Solar Smart Charger - 7.4kW - 5m Tethered Cable - WIFI/LAN - Powered by ev.energy	5070000255460	5.3kg
WAEVEV1I7WIFI	waEV-charge EV1i Smart Charger - 7.4kW - 5m Tethered Cable - WIFI/LAN - Powered by ev.energy	5070000255484	5.3kg
WAEVEV1I7WIFIS	waEV-charge EV1i Solar Smart Charger - 7.4kW - 5m Tethered Cable - WIFI/LAN - Powered by ev.energy	5070000255477	5.3kg
WAEVEV122WIFI	waEV-charge EV1 Smart Charger - 22kW - 5m Tethered Cable - WIFI/LAN - Powered by ev.energy	5070000255453	6.6kg
WAEVEVI122WIFI	waEV-charge EV1i Smart Charger - 22kW - 5m Tethered Cable - WIFI/LAN - Powered by ev.energy	5070000255491	6.6kg
WAEVEV1S7WIFI	waEV-charge EV1s Smart Charger - 7.4kW - untethered - WIFI/LAN - Powered by ev.energy	5065017152062	5.8kg

Benefits

- Powered by ev.energy - scheduled charging, green tariff integration & energy monitoring/analytics
- ev.energy solar charging integration
- EVHS & WCS, OZEV approved (eligible for £350 grant funding, saving purchase & install costs)
- Compliant with the most recent EVSCP regulations
- Integrated tethered charging cable holster
- OCPP 1.6J (Future proofed for managed & commercial charging)
- Integrated 6mA DC RDC-DD, Type A RCD/MCB or RCBO required at source
- OZEV Grant Eligible

Product Type:
EV Charger

Install Environment:
Domestic and Commercial

Material:
High Impact Resistant Polycarbonate

Finish:
Satin Colour: Black

Mounting Method:
Wall or Pedestal Mounted

waEV charge

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