



waEV charge



Powered by:



The next generation of EV Chargers



Our Quality.

The waEV-charge EV1 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 EV1 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 EV1 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.

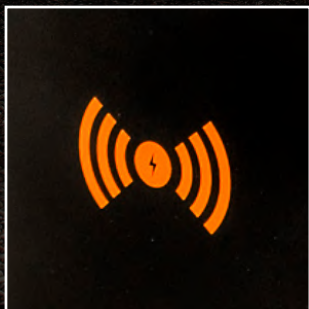


FEATURES



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

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





OUR WAEV-CHARGE EV1 CHARGER IS COMPATIBLE WITH ALL PLUG-IN ELECTRIC VEHICLES



DS AUTOMOBILES



mitsubishi



PORSCHE



smart

TESLA

TOYOTA



VAUXHALL



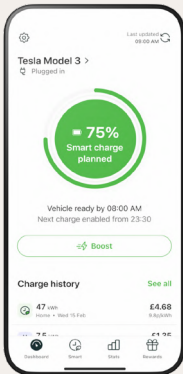
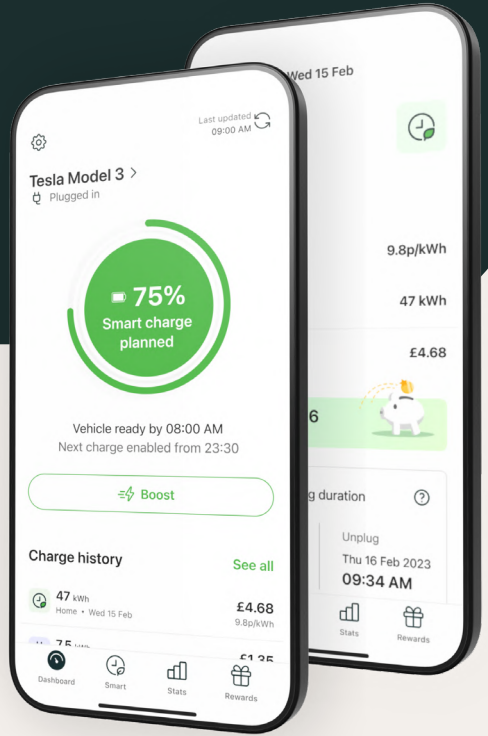
Powered by:



Full control in the palm of your hand.

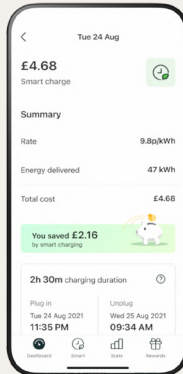
Automatically charge your vehicle with the cheapest and cleanest electricity available in your area.

- ✓ 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



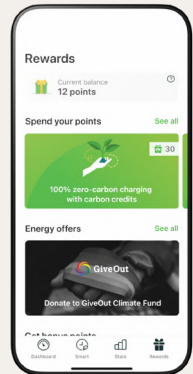
Charge smart, drive happy

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.



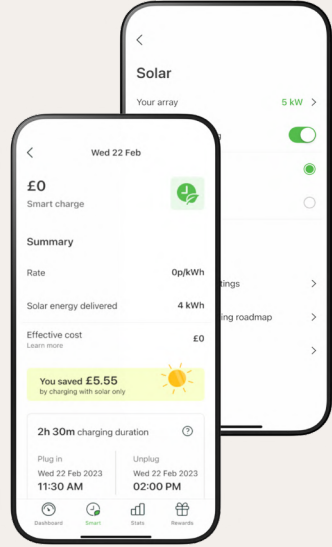
Watch the rewards roll in

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

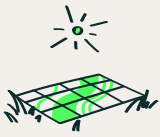
Powered by sunshine.

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

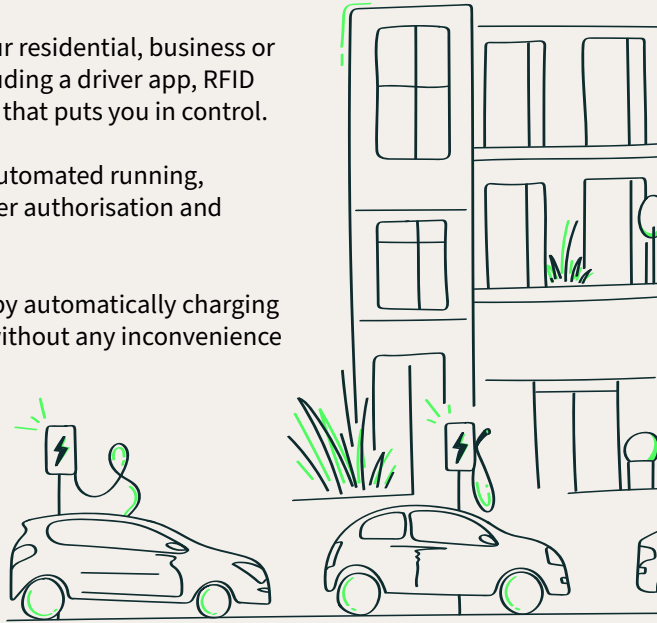
- ✔ **Solar Only Mode**
Match the charge rate of your vehicle to the amount of solar power being exported to the grid. This allows you to entirely self-consume the solar power you generate.
- ✔ **Solar Smart Mode**
Combine your zero-carbon Solar energy with your energy tariff to ensure your car is always 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.

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

The image displays the Pando web dashboard for a site named 'Bayliss Heights'. The dashboard provides a comprehensive overview of charging operations, including revenue, session counts, energy usage, and load limits. A table lists individual charging stations with their status, model, and current load. A mobile app interface is overlaid on the right, showing a summary of a charging session with a rate of 9.8p/kWh and a total cost of £4.68. A green callout box with the 'ev.energy' logo is positioned over the mobile app.

Bayliss Heights

12815 Us 80 Hwy E Brooklet, Georgia(GA), 30415, USA

Manage Site

Statistics Period: Last Month

Revenue
2,148.00\$
↓ 19.89% vs. Last Month

Charging Sessions Count
57
↑ 12.15% vs. Last Month

Total Energy Charged
828.55kWh
↑ 5% vs. Last Month

Maximum Load Limit
100A

Live Current
15A

Chargers | Charging Sessions | Drivers | Invitations | Settings | Share

Search

Connectivity	Serial number	Model	Current Load	Smart Charge Enabled	Authorise Charging
Online	#VF55011086221	EVSE Smart Elak	25A Load limit 25A of 60A	On	On
Offline	#VF55011086221	Innogy eBox Professional	15A Load limit 25A of 60A	On	On
Online	AC7K-8F39917	Enel X JuiceBox 40	20A Load limit 25A of 60A	Off	Off
Offline	#VF55011086221	Innogy eBox Professional	Not Set Load limit 25A of 60A	Off	Off
Online	#VF55011086221	Essee Essee Home	25A Load limit		

Mobile App Summary:

Tue 24 Aug

£4.68
Smart charge

Summary

Rate: 9.8p/kWh

Energy delivered: 47 kWh

Total cost: £4.68

You saved £2.16 by smart charging

charging duration

Unplug Wed 25 Aug 2021 09:34 AM

Smart Stats Rewards

Pando Features



Easy setup



OCPP



Load Management



Driver Authorisation



Hardware Agnostic



Car Integration



Partner API



Charging Reports



Solar Integration



Full Cost Control



Driver App



Smart Charging



Collaborate



Virtual Power Plant



Carbon Accounting



Secure



Utility Tariff Integration



Remote Configuration

SPECIFICATIONS



Technical Data		UK CA CE
Model	waEV-charge EV1	
Power Options	Single Phase 7kW AC & Three Phase 22kW AC	
Charging Connector	Tethered, IEC 62196/Type 2 (standard) OR SAE J1772/Type 1W	
Tethered cable length	5 Meters	
Charging Protocol	Mode 3 (EN/IEC 61851)	
Protection	<p>PEN Fault Protection: Built-in open PEN protection (detection + isolation) in compliance with Amendment No 1 of BS 7671:2018. The waEV-charge EV1 can safely be installed without an earth-rod.</p> <p>RCD Protection: Integrated 6mA DC RCD, Type A RCD/MCB or RCBO required at source</p>	
Electrical Specifications	<p>AC Charging Output: 7kW, 32A@230V AC / 22kW, 32A@230V- 400V AC (Charging power may vary based on vehicle make and model)</p> <p>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</p>	
Physical Specifications	<p>Dimensions (H x W x D): 361mm x 250mm x 100mm Mounting Type: Wall mounted - Bracket & Mounting Bolts Colour: Black Weight: 7kW EV1 – 4.4kg / 22kW EV1 – 5.7kg Material: ABS composite</p>	
Physical Specifications	<p>Operating Temperature: -30 to 50° C Operating Humidity: Up to 95% RH, non-condensing Environmental Protection: IP65</p>	
Standards and Compliance	<p>Certifications: TUV CE & UKCA Safety Compliance: UVP, OVP, RCD (DC 6mA), SPD, Ground Fault Protection OCP, OTP, Control Pilot Fault Protection EV Charging Compliance: EN 61851-1:2019, EN 61851-21:2002, EN 61851-22:2002</p>	
Communication	<p>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</p>	

SPECIFICATIONS



Products

MPN	Manufacturer Description	Barcode EAN	Weight (kg)
WAEVEV17LAN	waEV-charge EV1 Smart Charger - 7.4kW - 5m Tethered Cable - LAN - Powered by ev.energy	5070000255446	5.3kg
WAEVEV17LANS	waEV-charge EV1 Smart Charger - 7.4kW - 5m Tethered Cable - LAN - Solar CT - Powered by ev.energy	5070000255446	5.3kg
WAEVEV17WIFI	waEV-charge EV1 Smart Charger - 7.4kW - 5m Tethered Cable - WIFI - Powered by ev.energy	5070000255460	5.3kg
WAEVEV17WIFIS	waEV-charge EV1 Smart Charger - 7.4kW - 5m Tethered Cable - WIFI - Solar CT - Powered by ev.energy	5070000255477	5.3kg
WAEVEV122LAN	waEV-charge EV1 Smart Charger - 22kW - 5m Tethered Cable - LAN - Powered by ev.energy	5070000255484	6.6kg
WAEVEV122WIFI	waEV-charge EV1 Smart Charger - 22kW - 5m Tethered Cable - WIFI - Powered by ev.energy	5070000255491	6.6kg

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



OCP 1.6J (Future proofed for managed & commercial charging)



Integrated 6mA DC RCD, 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

waEV¹charge



W: www.waevcharge.co.uk
E: sales@waevcharge.co.uk
T: 0330 043 1353



@waevcharge