

# Understanding your e:Ny1



## What will it cost to charge?

Wherever you charge, look out for the best deal:  
an EV tariff at home or a discount scheme on the road.

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### Charging at home

#### Cost of charging = battery size x price per unit

It's easy to work out the cost of charging your car.

Multiply its battery size by the price you pay for each unit of electricity (each kWh\*) you use.

- + The e:Ny1 has a 68.8 kWh battery
- + The typical price of a unit of electricity is 28p (October 2023)
- + Cost of charging =  $68.8 \times 0.28 = \text{£}19.26$

The cost goes down if your electricity provider offers an EV-friendly energy tariff (see *Honda EV Driver Tips 2.0* for more info.)

This cost is typical of electric vehicles. Charging any 60 kWh electric vehicle costs between £15 and £20, depending on the price of electricity at the time.



#### Time to charge = battery size ÷ charging speed

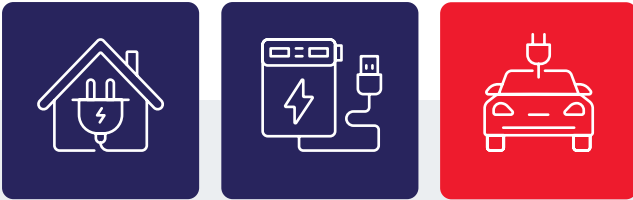
To work out how long it takes to fully charge your e:Ny1, divide its battery size by the speed of your charger. The charging speed shows on the charger you're using and on your e:Ny1's in-car display.

- + The e:Ny1 has a 68.8 kWh battery
- + The e:Ny1 has two onboard chargers, both of which are 11 kW
- + Time to charge =  $68.8 \div 11 = 6.25$  hrs (6 hrs 15 mins)

You don't have to charge fully every time – just enough to comfortably get you to where you want to be. Our e:Progress home-charging solution (see *Honda EV Driver Tips 2.0*) makes these calculations for you.

\* Electricity providers typically refer to a kWh of electricity as a unit. Units are the numbers to the left of the decimal point on your electricity meter.

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## Understanding your e:Ny1

### Benefits of charging at home

#### Cost-effective

Once you've installed your charger, you can sign up to an EV-friendly energy tariff.

#### Eco-friendly

Your e:Ny1 is already extremely eco-friendly. If you sign up to a renewable energy tariff, you avoid the carbon emissions that may be associated with electricity from public charging stations.

#### Convenient

You can charge your e:Ny1 whenever it's idle at home – overnight, for example, so you wake up to a charged battery every morning.

### + Charging away from home

#### More charging stations than petrol stations

The UK now has more public EV charging stations than petrol stations.

Roughly 20% of these will charge your e:Ny1 for free – mostly at supermarkets and workplaces.

And the numbers of public charging points are increasing. In an average month, more than 600 new chargers are added to the UK road network, of which over 100 are rapid.

#### Costs vary – look out for the best deals

Charging on the road is typically more expensive than charging at home. Prices vary, so it makes sense to hunt out the best deals.

Zapmap tracks the average cost of public charging.

This is what Zapmap recorded for September 2023:

- + Slow (3–6 kW) and fast (7–22 kW) charging typically cost 53p per kWh
- + Rapid (25–99 kW) and ultra-rapid (>100 kW) typically cost 77p per kWh

The e:Ny1's maximum charging speed is 78 kW.



#### Cost of charging = battery size x price per kWh

Calculating the cost of charging on the road is the same as for charging at home.

#### Fast charging

*(Zapmap data from September 2023)*

- + The e:Ny1 has a 68.8 kWh battery
- + The typical price of a kWh of electricity is 53p
- + Cost of charging =  $68.8 \times 0.53 = \text{£}36.46$

#### Rapid charging

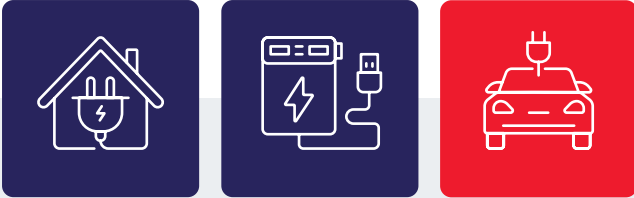
*(Zapmap data from September 2023)*

- + The e:Ny1 has a 68.8 kWh battery
- + The typical price of a kWh of electricity is 77p
- + Cost of charging =  $68.8 \times 0.77 = \text{£}52.98$

As always, you do not need to charge fully. A shorter, 30-minute charge at a rapid charger typically costs around £6.50.

Prices change fast in this market, so it pays to shop around or consult an app such as Zapmap.





## Understanding your e:Ny1

### Discounts and subscription schemes

Many charging-point providers offer subscription schemes. Drivers who pay a monthly fee to join the scheme, pay less for their electricity than non-members. Once again, shop around because the schemes and discounts vary widely.

Other schemes provide prepaid cards. For a fixed fee (typically £7 to £10), you load up your card, then use it to charge your e:Ny1 at public charging stations that accept prepaid cards.

### Benefits of charging away from home

#### Charging while you work

Many employers have charging points at their premises. They're a great staff benefit because they offer free or cheap electricity. Workplace chargers tend to be similar in power and charging time to those found in homes.

#### Charging for free

There are many free charging points in the UK – in public car parks, supermarkets, hotels, shopping centres, and some service stations. Use an app such as Zapmap or Pod Point to find them.

#### Staying topped up

The public network is a great way to keep your e:Ny1's charge topped up.

