

duku^{ev}

Accessible EV Charger

Andrew Aylesbury





What is the problem?



2.7m

UK drivers have long term health problems or disabilities (*Motability*).



5%

of Chargepoints audited met minimum requirements for a disabled or elderly person to successfully charge their car (*Duku/Urban Foresight*).



Research Institute
for Disabled Consumers



Urban
Foresight



Funded by
Innovate UK



Research

25.2%

of disabled motorists would consider buying an EV, this increases to **61.2%** if Chargepoints were fully accessible (RIDC/Duku).



Issues with current chargepoints:

- Heavy, awkward cables.
- Barriers around chargers restricting access.
- Complex user process.
- Vandalism including stolen cables.



There are no fully inclusive chargepoints on the market.

Accessible Chargepoint Concept

1. Unique motorised 7.5m tethered cable.
2. Operated by plug-mounted buttons.
3. No protective barriers required.
4. Simple instructions & user process.
5. Improved installation & maintenance.





Feedback

"The lightness of the cable and ability to extend it easily makes the charger completely unique in the market.

It eradicates the need to pull a heavy cable or bring your own, which for many who have a disability, can be the major barrier preventing them from owning an EV."

Helen Dolphin MBE



Tanni Grey-Thompson ✓
@Tanni_GT

Replying to @mtkleint and @MrsFlipper1001

I didn't go electric last time I changed my car because of inaccessibility



Christiane Link (She/Her) • 3rd+
Passionate about accessibility | Director | Consultant | Inclusion strategis...

1w ***

Oh that looks like a game changer. The charger I've seen are impossible to use for many disabled people including myself.



Alan Hejl (He/Him) • 3rd+
Accessibility Strategy Manager & Disability Justice Advocate

1w ***

Thank you for sharing, Helen! These examples of good design are what the world needs!



Robbie Gibb • 3rd+
Customer Service Delivery at East West Rail Co.

1w ***

Fantastic looking design! Really brings inclusion and environmental matters together! 👍

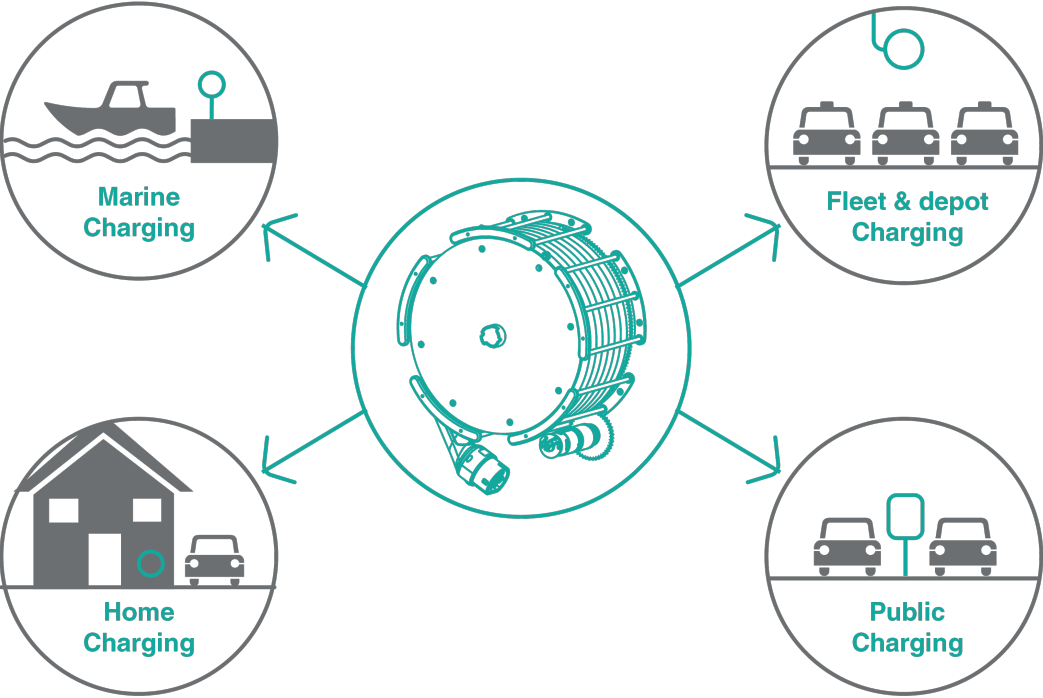
Duku Public Chargepoint

- Designed to fully meet BSI PAS1899.
- Modular design - available as post or wall mount.
- 7kW & 22kW versions available.
- Vandalism resistant – cable secured inside when not in use.
- ‘Plug and play’ design – minimises installation & maintenance time.



EV charging should be accessible to all.

Future Products





Thank you

andrew@duku.co.uk

|

01242 697666

|

www.duku.co.uk