Fact Sheet

Find out why we do it, how we do it
and what we are doing.

Why?

Faraday Motion is a startup that wants to support open-source innovation & Electrify Urban Transportation by making it Intelligent.

The Age of Electric Vehicles has come

We intend to ignite the Electric Vehicle Revolution by creating an Open source platform for Electric Vehicle technology. Open innovation is the only realistic way forward if we are to solve the many problems with today's urban transportation.

We want to make more makers

This means that we want to make it much easier to innovate Electric Vehicles by simplifying the process and creating interactive support via an Electric Vehicle community. So, an engaged community around things that move - what do you call that?

That's right, it's a movement!

The Offerings

We provide everything you need to create the Portable Electric Vehicles (PEV) of your dreams!

Modular Toolkits for PEVs

We offer modular Hardware, electronic components and accessories both in toolkit packages and separate units, so you can build and upgrade your PEVs according to your own needs.

Building/Hacking Workshops

We will host workshops to teach you how to print, build and hack around with PEVs in order to achieve amazing results & having a great time.

PEV Software API

We are working hard on building a public API so that you can develop and share apps on top of our software.

Faraday Motion Vehicles Technical Specs

The Spine

Speed: 30 km/h
Range: 10 km
Printing time: 100 hours
Printer bed size: 20x20 (cm)
Charging time: 1 hour
Assembly time: 2 hours
Controller: Phone/Nunchuck
Tech Skill: Beginner

The HyperBoard R2

Speed: 40km/h
Range: 30km
Printing time: 500+ hours
Printer bed size: 20x20 (cm)
Charging time: 2 hours
Assembly time: 1-2 weeks
Controller: Phone/Nunchuck
Tech Skill: Intermediate

Available Components & Features

- Electric motors
- Batteries
- 3D Printed parts
- Motor sensors
- Front & back lights
- Indicator lights
- Wi-fi receiver
- Radio receiver
- Pressure sensors
- Disk brakes
- Phone USB charger
- Smartphone App
- Motor controllers
- Nunchuck controller
- High power switch
- Faraday Brain (Arduino)

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