



PIONEERING 'FUEL STATIONS' OF THE FUTURE



The Problem

With EV Adoption



Cost



Charge Time



Accessibility

A black and white photograph showing a person's legs and hands as they perform a battery hot-swap on a vehicle. The person is wearing dark shorts and socks. A red cylindrical battery is being inserted into a black plastic housing on the side of the vehicle.

Alpha Energy Network

Battery Hot-Swap



Cheaper



Faster



Easier

Alpha Energy Network

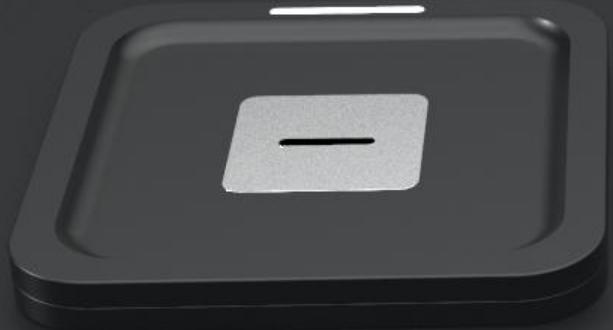


Hot-Swap Battery Pack



Charging Stations





STOP

SWAP

GO

1. STOP and Dismount



STOP

SWAP

GO

2. SWAP Battery with Station



STOP

SWAP

GO

3. Replace and GO.



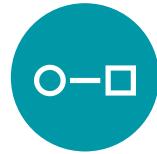
Competitors

| | Our Company | Parallel Competitor | | Substitutes |
|---------------------|---|---------------------|---------------------|---|
| |  ALPHA ELECTRIC | gogoro | ABB |   |
| Refuel Type | Battery Swap | Battery Swap | Conductive Charging | Petrol / Diesel |
| Fast Refuel Time | ✓ | ✓ | | ✓ |
| Low Cost | ✓ | | ✓ | |
| Ease of Integration | ✓ | | | |

Competitive Advantage



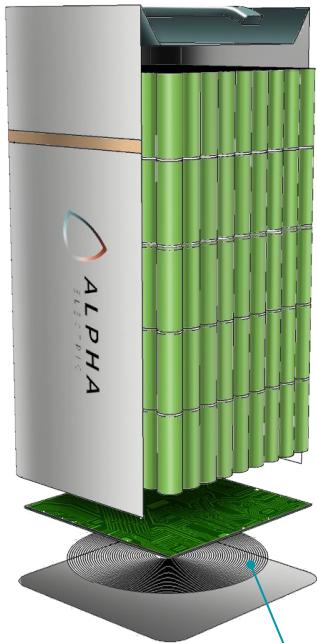
FIRST
to SEA



FASTEST
Refuelling



PATENTABLE
Technology



- Safer
- Weather proof
- NO Exposed Parts

Patentable Induction
Charge & Discharge





DESIGN



Ryan C.

2 years UX Experience
with Singapore Airlines

BUSINESS



Niklaus T.

Founded Successful Motorcycle
Rental Business , 2 years

ENGINEERING



Royston S.

6 years Aircraft Engineer
Experience with RSAF

Partners & Industry Advisors :



Ronnie C.

VP Operations, MFS China
PCB Manufacture



Wibowo M.

Director, PT Menara Astra
Real Estate, Infrastructure



Youth Energy Showcase 2020

Project Nominated for NUS

Gary W.

Chartered Engineer
Electrical Engineering

The background image is a high-angle aerial shot of a modern city. In the center, there is a large, prominent orange hexagonal structure with intricate internal patterns, resembling a circuit board or a stylized gear. The city is filled with various skyscrapers, roads with moving vehicles, and green spaces.

*Fuel the Ride to an **Electric Future** with us.*



ALPHA
ELECTRIC