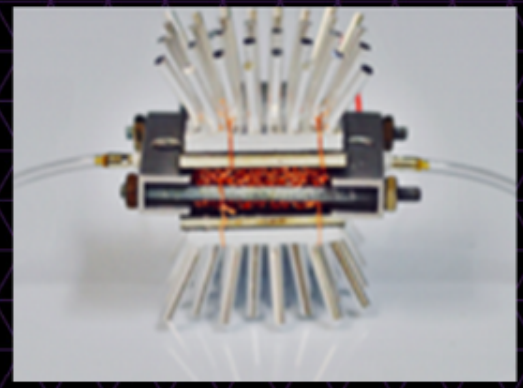
# Reebeez

## Powerful, Lightweight Microengines for UAVs

# What We Do

Replace batteries and provide 6x flight times at a third of the cost



# Market Need

Who will be our customers?

- *Aerial Mob
- *Parrot
- *DJI
- *Google
- *Amazon
- *Facebook
- *Lockheed Martin


AUVSI, CES UAV Market Projections

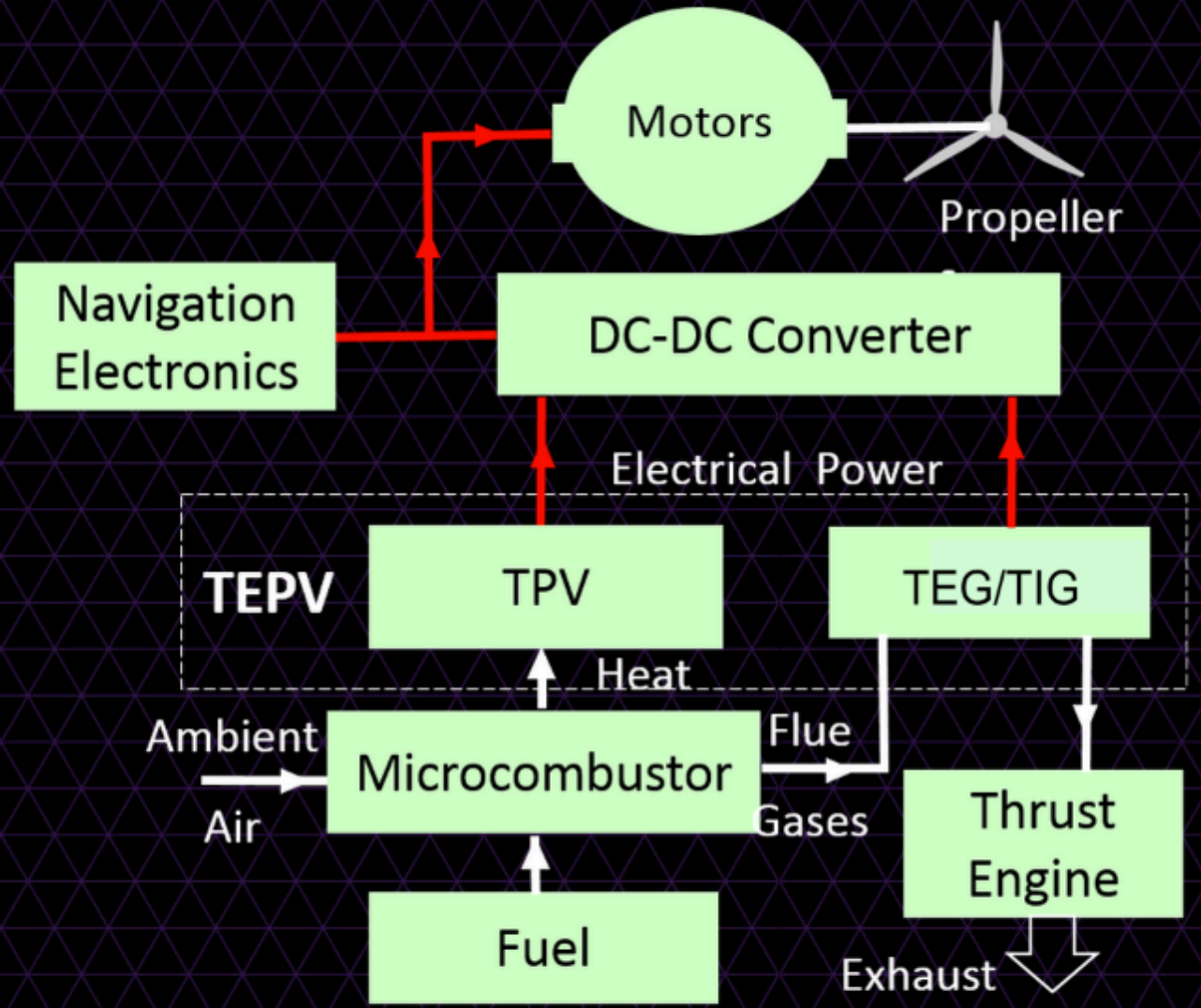
"Time of flight will improve but slowly, because battery technology is still poor" - Henri Seydoux, CEO of Parrot

"Solar cells of a reasonable size don't provide nearly enough power, and fuel cells are still a fairly immature technology" - James Mazeika, Aerovironment

"Drone batteries tend not to last very long...Trace [Live Network] is hoping to get about 30 minutes out of the FLYR1" -Rachel Mertz, MIT Technology Review

# The Solution

- Lightweight, Small Form Factor
- Solid-State With No Moving Parts
- Plug-and-Play Adaptation
- Low Cost to Operate & Manufacture
- High Reliability

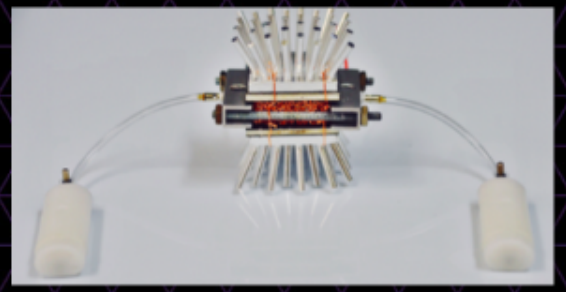


# For a 400 g drone...

## Parrot LiPo Battery


- 300 g payload
- 100 g battery
- Flight time: 18 min
- Power: 60 W
- Cost: $40

## Reebeez Microengine

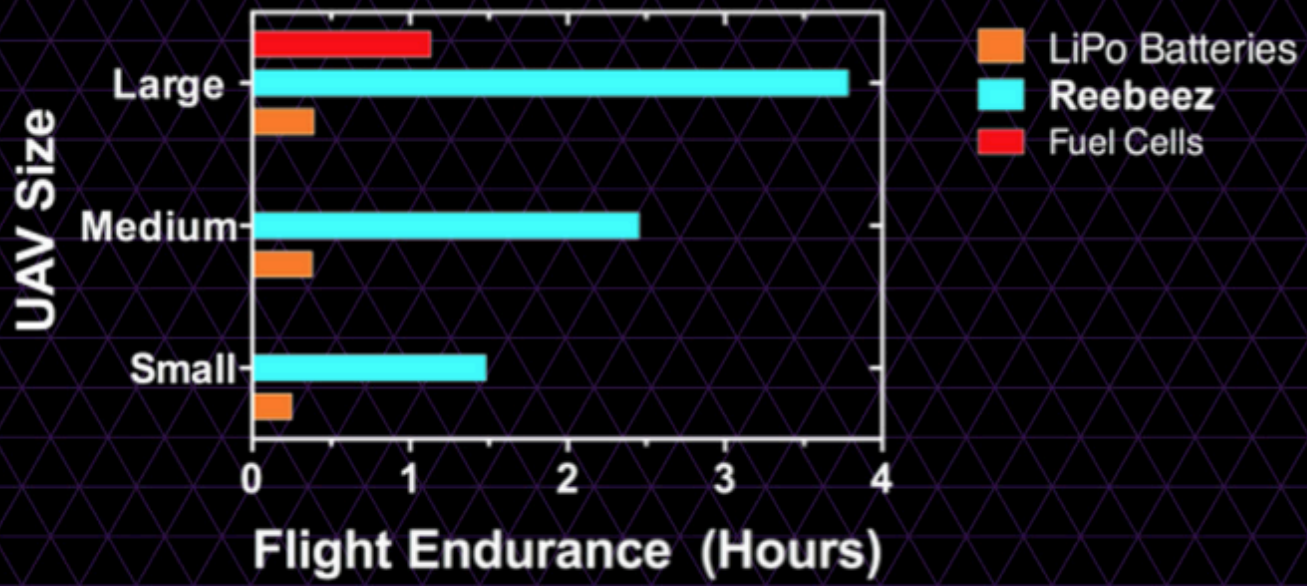


- 300 g payload
- 50 g engine + 50 g fuel
- Flight time: 120 min
- Power: 60 W
- Cost: $15

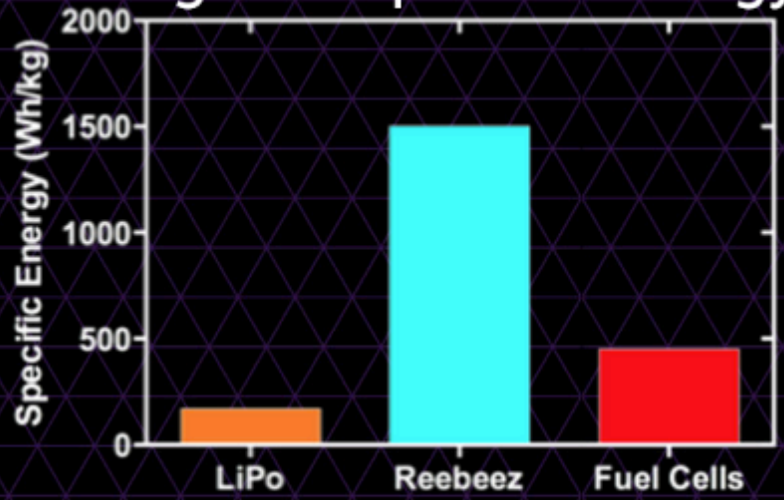
MVP Pricing ~$100, GM > 60%

# Competitive Positioning

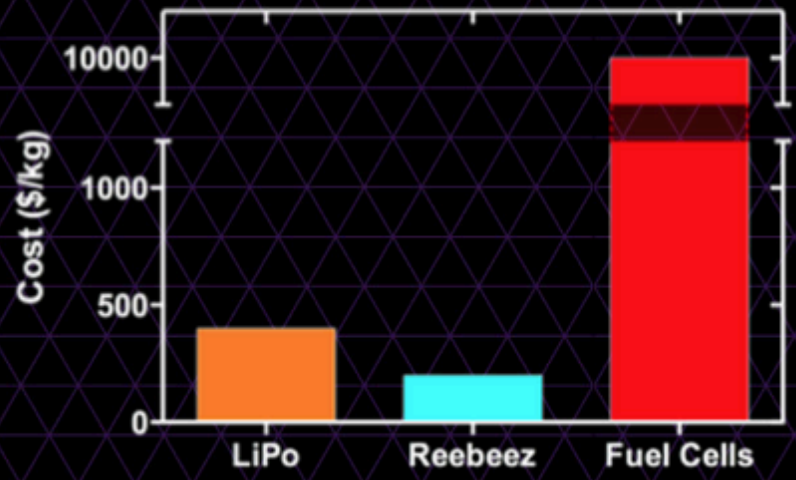
## Best Flight Times
6-8x better than batteries




## Highest Specific Energy




## Lowest Cost Metrics




| Small e.g. Parrot AR 2.0 | Medium e.g. DJI Inspire | Large e.g. Amazon PA |
|---|---|---|
| 0.1 kg Power Source | 0.6 kg Power Source | 4.0 kg Power Source |
| 0.4 kg Payload | 2.4 kg Payload | 16.0 kg Payload |
| 60W Propulsion | 300W Propulsion | 1.5 kW Propulsion |

# Vision

- Predator & Raven Drones
- Thermionic Engines
- Hybrid Cars & Clean Hydrogen-Powered Transportation
- Off-grid, 24/7 Power Generation

# Contact Us!

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