

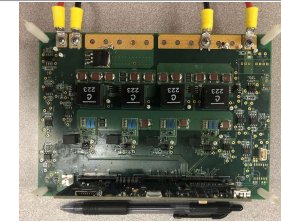
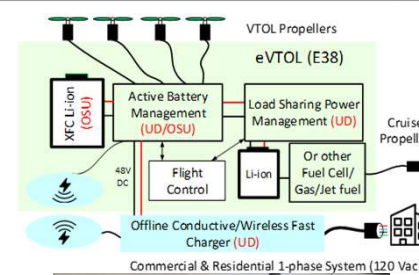
# High Discharge Battery Load Sharing and Rapid Recharge for eVTOL Aircraft

## Contact Information Description

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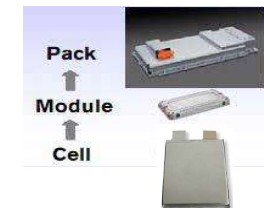
## Picture (and more Capability Description)



Power Management



E400 eVTOL Aircraft



High density Battery

## Description in Bullet Format (Relate to Requirement(s) & Heilmeier Questions)

- Rapid Rechargeable Battery, Wireless charger, and Onboard Power Management
- New developed high energy density battery (700Wh/kg), optimized onboard power management
- It will be integrated into a E400 aircraft platform and demonstrate extended flight endurance
- Maturity (TRL 3 – 6 )

## Requirement(s) Benefits, Money Saved, Eliminates What?

- Increase the eVTOL operating time, increase payload and reduce maintenance
- What are you looking for?
  - Funding to demonstrate and advance the technology
  - Partner to scale up the battery manufacturing
  - Partner to commercialize the power management

Airspace Management	<input type="checkbox"/>	Command & Control	<input type="checkbox"/>	Comms	<input type="checkbox"/>	Power & Energy Storage	<input checked="" type="checkbox"/>	Propulsion	<input type="checkbox"/>	Sensors & Awareness	<input type="checkbox"/>	Other	<input type="checkbox"/>
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