

## AEROPAK™ Frequently Asked Questions

**Q: How does the AEROPAK™ compare with lithium-polymer batteries?**

A: Apart from the significantly higher specific energy density, the AEROPAK™ does not self-discharge, making it a reliable power source for extended UAV flight endurance. Hot-swappable water-activated fuel cartridges minimize downtime and eliminate the hassle of battery charging. Moreover, the cartridges' geometric dimensions are flexible to fit into the UAV fuselage.

**Q: How much does the AEROPAK™ cost?**

A: The AEROPAK™ is now available for beta testing. Horizon works closely with UAV manufacturers to integrate the AEROPAK™ power system into their aircrafts and conduct flight trials. A typical flight trial package include 2 systems, 6 fuel cartridges, frame modification to fit the specific fuselage, system optimization and on-site integration and technical support. Due to varying customer demands, the package price differs but is definitely attractive and affordable.

**Q: Can I customize the AEROPAK™ to my needs?**

A: Yes, Horizon can customize the AEROPAK™ to fit your specific design and power requirements. We welcome you to challenge us by filling out the enquiry form on the website or email us your requirements at [aeropak@hes.sg](mailto:aeropak@hes.sg)

**Q: Can I put multiples of AEROPAK™ in series/parallel?**

A: Although possible, we recommend that you contact us for a customized fuel cell power system if your UAV requires higher power than the standard AEROPAK™ can deliver. You can fill out the enquiry form on the website or email your requirements to [aeropak@hes.sg](mailto:aeropak@hes.sg)

**Q: Is the AEROPAK™ cartridge refillable?**

A: The fuel cartridge is meant for one-time use. It can be disposed or recycled back to Horizon for a new replacement cartridge at a low cost.

**Q: Is there a warranty for the AEROPAK™?**

A: Horizon warranties the AEROPAK™ at its rated performance for 500 operating hours.

**Q: Is the AEROPAK™ certified?**

A: The AEROPAK™ undergoes stringent in-house tests following certain standards such as Mil-Std 810F. Please refer to our technical brochure for a list of qualification test data.