Automated Battery Swapping System for Drones

Heleport Inc. is pursuing a drone system that is capable of autonomously delivering packages via drones to balconies and other difficult urban locations. As part of this large-scale project, Heleport requires an automatic battery swapping system. The goal of the project is to design, and build a prototype of, a solution that a drone lands on and subsequently exchanges the low battery with a fully charged battery. The solution should be customizable to suit a variety of drone sizes and styles.