



Tips from Training



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Revel E-Bike Battery Transport Vans



Brooklyn units recently encountered a Revel e-bike van transporting numerous lithium-ion batteries. According to the van's driver, this is one of approximately 15 vans citywide that drive around the city replacing batteries on these e-bikes when they are showing a low charge. The vans hold approximately 60 batteries. All members should recognize these vans and understand the dangers posed by lithium-ion batteries.

- Tech companies **Lime, Bird and Veo** were picked for a pilot program involving 3,000 e-scooters for rental from selected sidewalks in the Bronx. It can be assumed that these companies have similar battery transport vans for the scooters.
- Use water to extinguish a lithium-ion battery fire. It will take a large quantity of water to fully extinguish this type of fire.
- Immediately request a Haz-Mat response. The IC should then contact Haz-Mat 1 or the Haz-Mat Battalion via cell phone for further instructions.
- **Wear full PPE, including a donned SCBA facepiece, whenever near a damaged/smoldering lithium-ion battery.**
- Popping noises or white smoke from a battery may be an indication of thermal runaway. Thermal runaway begins when the heat generated within a battery exceeds the amount of heat that is dissipated to its surroundings, creating a domino effect within the battery until failure and fire. **The white smoke from the battery is toxic and highly flammable.**

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