



Code of Conduct for Lithium-ion Batteries with Personal Mobility Devices (PMDs), Power Tools etc

- PMDs include e-bikes, e-scooters, e-skateboards etc. - but not e-cars.
 - Power Tools include electric drills etc. and domestic appliances that use detachable lithium-ion batteries e.g. some vacuum cleaners.
 - This code includes advice from Fire and Rescue NSW* (FRNSW).
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- a) *Only purchase and use devices and equipment from reputable manufacturers and suppliers.
 - b) *Only use chargers that are supplied with the device, or certified third-party charging equipment that is compatible with the battery specifications.
 - c) *Using chargers with incorrect power delivery (voltage and current) can cause damage to the battery including overheating that can lead to fire.
 - d) *Check that chargers bear the Regulatory Compliance Mark, to show that they meet the relevant Australian Standards under the Electrical Equipment Safety System (EESS) .
 - e) ***Avoid charging overnight or leaving PMD batteries or devices unattended while being charged.**
 - f) *Once the indicator shows that a device or battery has been fully charged, disconnect it from the charger.
 - g) *Don't charge or store PMD batteries or devices on combustible or insulating surfaces such as beds, sofas, or carpet, and keep them away from highly flammable materials such as blankets, clothing, and paper.
 - h) *Where possible, PMDs should be stored and charged away from living spaces in the home.
 - i) *Only have device repairs and battery replacements or upgrades performed by a qualified professional.
 - j) *Never store or leave PMD batteries or devices in areas where they can be exposed to heat or moisture. Do not leave devices in direct sunlight or in parked vehicles where they can quickly heat up.
 - k) *Don't use PMD batteries or devices that show signs of swelling or bulging, leaking, overheating, or signs of mechanical damage (cracked, dented, punctured, or crushed).
 - l) Altair has installed a multi-unit charging cabinet for lithium-ion batteries in the bike room. This cabinet is firesafe when closed. The cabinet is lockable, and the key is held by the concierge. Please ensure that you lock the cabinet when you are charging a battery to ensure that it is properly closed to preserve the firesafe functionality...and return the key to the concierge. **Please do NOT leave batteries charging overnight.**
 - m) Altair by-law 11.3 (b) does not allow storing 'bicycles, tricycles or similar equipment' (PMDs) on balconies.
 - n) Your apartment front door is a fire door. If you experience a fire in your apartment, please **do NOT open the fire door to let out the smoke** or

leave the fire door open when you exit the apartment as this can allow the fire to spread. The fire door must be closed to contain the fire.

- o) Any resident acquiring an PMD must make building management aware immediately as this could have insurance ramifications. *The Building Manager keeps a register of PMDs at Altair which is shared with our insurance brokers as it is updated.*
- p) Any resident acquiring a PMD should make their personal (home and contents) insurance company aware immediately – perhaps in advance.

Altair Strata Committee