

This step-by-step guide outlines how to install and maintain a Storemasta battery charging and storage cabinet for optimum performance.

Before You Install Your Cabinet

1. Select an appropriate location that is safe and convenient for staff to gain access to the cabinet. (*see our notes regarding underground premises).
2. Check that the electrical power point is suitable for use with the cabinet.
3. The intake and outlet must be positioned at least 400-500mm away from any walls or structures.
4. Make sure the cabinet location does not impede emergency exits or evacuation routes.
5. Check the site is flat, level and capable of holding the weight of the filled cabinet.
6. Remove any potential hazards from the area, such as ignition sources or incompatible substances.
7. Clear and clean the placement site, disposing of rubbish, combustible materials and any other potential hazards.

REMEMBER: It's a good idea to have operating procedures for the cabinet already in place, so staff can be trained to use it correctly.

Installation

1. Using a trolley or stair lifter, retrieve the battery cabinet from the delivery area (leaving the packaging on.) Take the cabinet to the installation location.
2. Carefully unwrap the battery charging and storage cabinet. Remove it from the wooden pallet.
3. The cabinet will already be equipped with footing that allows it to be put in place on the flat, even surface with little to no fuss.
4. Scan the warranty registration QR code (or enter the link into your browser) and complete the Storemasta warranty application form.
5. Position the battery charging and storage cabinet in the required location.
6. Configure the perforated shelving to suit your requirements. To adjust, simply lift up the shelf from the lugs, which are inserted into the cabinet interior wall. Put the lugs in the new position and place the shelf securely on top.
7. Adjust the charging points to suit your battery charging requirements.
8. Plug the cabinet in to the appropriate power socket.

Door Closing System

1. To ensure that the sequential door closing system works correctly, the battery cabinet must be installed on a level base.
2. If doors are not closing and latching correctly, the appropriate corner of the cabinet should be lifted slightly and packed until the doors are level and latch automatically.
3. These door closing speeds can be changed by using the adjustment screw on the hydraulic door closer itself.

Post-Installation Check

1. Check that the cabinet has not suffered damage during the moving or installation process.
2. Inspect the doors to ensure that they are closing tightly and in sequence.
3. Check that all the power points and the fan are working.

Maintenance

1. Create a regular inspection and maintenance schedule to ensure your battery cabinet stays compliant.
2. Make sure that any battery leaks or spills within the cabinet are cleaned up immediately. If any dangerous goods spill into the sump of the cabinet, the floor of the cabinet must be removed, so the sump can be cleaned out immediately.
3. Regularly check the doors to ensure that the self-closing, self-latching door mechanism is working correctly.
4. Clean the fan blades at least once a month or when required.
5. Schedule routine maintenance by a certified electrician on your battery cabinet to ensure it remains in safe working condition

Installation in Underground Premises

*When lithium-ion battery cabinets are installed in an underground premises, there is the increased risk of fire, as well as a greater chance of dust and particle build-up affecting the fan's ability to work properly.

Due to these increased risks, we suggest that you:

1. Consider fire suppression systems in your workplace.
2. Invest in lithium-ion battery fire extinguishers.
3. Regularly inspect and maintain your fan to avoid dust affecting its ability to cool down your battery cabinet.

REMEMBER: All workplaces should have systems in place to deal with a lithium-ion battery fire if it does break out.

Get in touch:

Need some more advice on the installation or use of your lithium-ion battery cabinet?
It's easy to get in touch with our Storemasta team.

Simply send your enquiries to sales@storemasta.com.au
or give us a call on 1300 134 223.

