



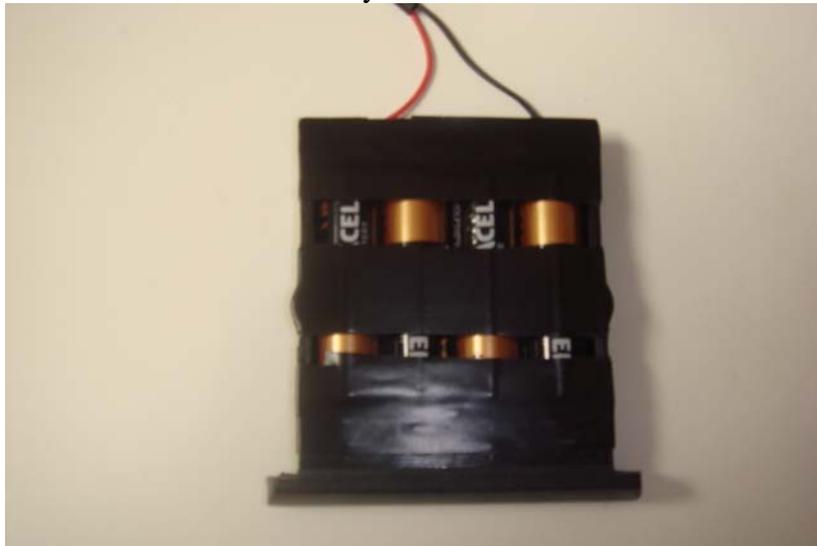
## **Application Note: Using the Battery Tray**

### Issue:

The battery tray by BeLine is used by those who prefer to replace their own batteries. Although this method is not as reliable as the actual battery pack it is still an option for those who prefer it. The reasons why the battery pack is tested to be more reliable are:

- all contacts are soldered to the battery so corrosion at the battery terminals will not be a factor for exterior installations.
- the battery type in the battery pack is chosen to hold a charge for long periods of time. Some commercial batteries are known for their long periods of usage but not long periods of storage. Electronic locks are only powered on for a total of less than one minute each day. The lock is only powered on for approximately 3 seconds during entry.

1. Insert the batteries and assure that the direction is correct and all surfaces are clean.
2. Wrap electrical tape around the top and bottom of the tray to help protect the battery contacts from oxidation.
3. Wrap the middle of the battery pack for extra protection against batteries that may shift when the door is slammed.



For general entrances, public entrances or high traffic areas, it is best to use lithium AA batteries.