

Lifeline Vi / Vi+ Battery Change

PRODUCT UPDATE

Tunstall will be changing the battery it uses in the Lifeline Vi / Vi+ from a Nickel Metal Hydride (NiMH) to a Lithium (Li-ion) battery with the change being rolled out across all Lifeline Vi/Vi+ variants with immediate effect. The existing part numbers will remain the same however their issue code will be changed.



Benefits of the new lithium battery

- Enhanced lifetime – Lithium batteries provide a longer lifetime, therefore extending the battery replacement from 5 years to 7 years reducing the lifetime cost of the product.
- Improved lifetime performance - At first installation, the Li-ion battery will support the same 40-hour mains failure as the current Lifeline Vi. However, it will provide power above the 24 hours back-up required throughout its entire life, where previously the battery would need to be changed between 3-5 years into service. It will maintain a 24-hour battery backup for 7 years when the mains power is cut over the lifetime of the battery.
- Reduced charge time - The time to charge the battery to full is reduced from circa 24 hours currently to 8. Ensuring users have full back up battery within 8 hours of installation.
- Increased storage time - the Li-ion battery can be stored for 24 months between charges compared to the 18 months for the current battery.

The current NiMH battery



The NEW Li-ion battery



FAQs

What happens if I fit the wrong battery in the unit?

The new battery compartment has been specifically designed to ensure the wrong battery cannot be inserted into the incorrect unit. The new battery is a different shape, with a different connector. Neither battery will fit in the incorrect Vi base.

What happens if I fit the wrong power supply?

The Lifeline unit is protected against the wrong PSU being inserted. In either case, if the wrong power supply is used, the unit will not power up and no damage will occur.

How will I know which unit I have and what battery to fit if the part number is not changing?

You will need to look at the revision number on the base of the unit. The tables below in the bulletin will identify it is a lithium battery.

The revision number in the label at the base of the unit is circled in red below for demonstration purposes.



Will the power supply be affected?

Yes. You will need to ensure you are using the correct power supply for the battery. This is now a 5V instead of the current 12V for NimH units. Please see the new power supply part numbers at the end of the product bulletin.

What are the part numbers for the new items?

New Part Number for Battery: D3706008A

New Part Number for Power Supply: XD5706060A

The following product numbers will switch over in Manufacturing with immediate effect with a new revision to introduce the new battery:

PART NUMBER	DESCRIPTION	CURRENT REVISION	LI-ION REVISION
57000/320	Lifeline Vi (UK) & MAALB	M1	N1
57100/320	Lifeline Vi+ (UK) & MAALB	N1	P1

If you require any further information,
please contact the Help Desk on 01977 660204 or email helpdesk@tunstall.com