

Speed sign battery

Non-Confidential

Report by: Elaine Atkin
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Report to: Parish Council 10/2024

The battery-powered speed sign used to last about a month on one charge. We've noticed that it now seems to only last a few weeks.

The manufacturer¹ has said that the battery life is approximately 5 – 10 years. Ours is 9 years old.

The manufacturer has been contacted regarding battery replacement.

Options are:

1	We purchase a new battery from the manufacturer, and a 'competent person' installs it. This will require a tool for the anti-tamper screw (from Halfords or similar). We would also be responsible for the old lithium battery disposal. We would either have to find somewhere local that can accept this type of battery ² . Alternatively, the manufacturer has responsibility under the WEEE regulations to dispose of it, however we would be liable for transportation costs. Royal Mail will not carry these batteries.	£233.32 plus £30 delivery = £263.32 plus VAT Plus suitable tool. Plus approx. £130 for transportation of old battery ³ .
2	The manufacturer provides and installs a new battery. This includes upgrade of the battery mounting method and recommissioning. It also includes disposal of the old battery. They will also throw in (for free) a winter service (LED check, a once over for damage and corrosion etc and run a calibration test on the radar).	£233.32 plus £495 = £728.32 plus VAT

Recommendation

- That council determines the preferred option.

¹ Unipart

² LiFePO4 composition

³ As estimated by the manufacturer