

How long will a Lithium 12v 7Ah Last in an Alarm

How long will a Uniross 12v 7Ah Lithium battery last in an Alarm System?

A question we frequently get asked, is: *“How long will a Uniross 12v 7Ah Lithium battery last in an Alarm System?”*

It may sound like a simple question, but it’s actually a lot more complex than that. Its like asking *“how long will my cellphone battery last?”* It all depends on how much you use the phone, how many apps you have open, how charged the battery was to start with and also how old the battery is.

The same applies when it comes to an alarm system. It depends on the make and model of alarm panel you have and what else the panel supplies power to (like Keypads, Expander modules, Detectors etc.)

The bottom line is, in general, hardwire alarm panels are developed to provide between 700mA and 750mA for powering ancillary devices such as keypads expander modules, detectors and other 3rd party devices. Based on this and allowing a budgetary 200mAh for the Panel itself, a total of 950mA could be drawn from the panel’s standby battery during mains failures or Loadshedding. Provided no other equipment like a radio, for example, has been directly connected to the battery, a fully charged Uniross 12v 7Ah Lithium battery should last at least 4 hours.