



**FOR AUTOMATION**



Inside the Power Box



## RESIDENTIAL SOLAR INVERTER KIT

Automate your gate without connecting to the power grid by harnessing the power of the sun. ~~With a Roger Solar Inverter System when the sun is shining the power goes directly into running the gate motor and accessories. What leftover power goes into the battery for use when the sun isn't shining. This preserves the battery life by optimising the charge cycles.

### Kit Contains:

- 2 x 50-Watt Panels mounted on a frame
- IP66 Electrical Enclosure – B70-2DC control board can fit inside for 24V swing operators
- 2 x 26Ah Solar Batteries
- Roger Power-box Inverter
- Brackets to mount panel frame and solar box to 100SHS

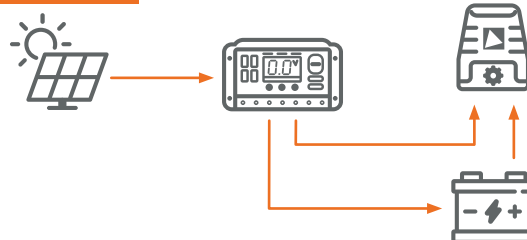
### WHAT'S THE DIFFERENCE

**Traditional Solar** - Always draining the battery



### Roger Solar

- Only drains battery when there is no sun!



Digital inverter optimises battery charge and consumption by directly powering the automation while the sun is out, to preserve maximum charge in the batteries. This increases battery life span and ultimately guarantees a higher number of automation opening and closing cycles.

**Specifically designed for Roger brushless automation**

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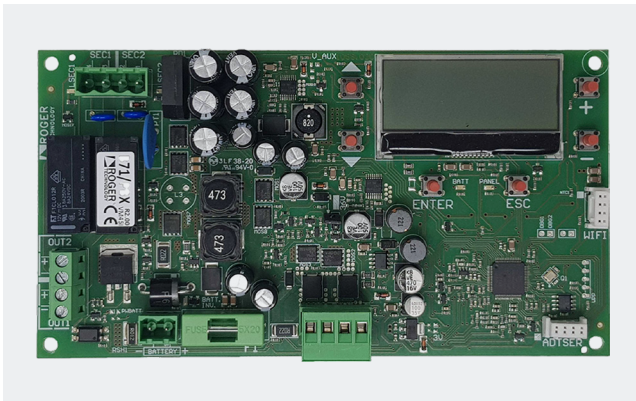
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## KEY BENEFITS

- **A Longer Battery Lifespan** - Thanks to the digital inverter that manages and optimises battery consumption and recharging in the most intelligent way. The battery lifespan is extended, guaranteeing a higher number of opening and closing cycles even in the absence of solar energy.
- **Reduced Consumption** - With our complete solar system, your automation can be completely independent of the mains supply, reducing your electricity bill and making everything more environmentally sustainable.
- **No Power? No Problem** - The technological combination of digital inverter and low brushless motor consumption eliminates any risk of problems and guarantee numerous operating cycles.

## HOW DOES IT PERFORM IN REAL WORLD TESTING



### Tested

Passive drain of the control board and accessories - especially sensors, receivers and keypads is what really kills your batteries in a regular solar system. With the Roger inverter system even the low sun levels on a cloudy day is enough to deal with the passive drain without dipping into the stored energy of the battery.

Up to 350mA drain with three + holdover days. Solar system tested with plug in Receiver, Wired Sebury keypad, Photo beams and 15 openings and closing a day.

## COMPATIBLE WITH

The solar inverter system works with Roger 24v operators.

**Note:** For 36V systems or for setups with intensive use and a lot of accessories such as intercoms or ground loops we recommend a custom engineered solution



**BAMBINO - BM30**



**MEDIO - BH30**



**MONOS**



**PRESTO - BE20-200**



**ARTICULATO - BH23**

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