

Is Elon a good solar system?

Designed to match the decades-long lifetime of solar PV panels, the Elon is robust, has over- and undervoltage protection. Up to 5-year extended warranty. Thousands of Elon solar PV water heating systems installed across South Africa. The Elon is the most affordable solar PV unit in its class.

Does Elon 100 include a geyser?

Geyser not included. The innovative PowerOptimal Elon 100 incorporates proprietary solar PV (photovoltaic) power management technology to allow for direct solar PV DC to electric geyser power provision and switching and optimised solar power use in a single compact unit. This kit is suitable for a 3 to 4 person household - 150 - 200ltr geyser.

Why should you choose Elon solar PV water heating systems in South Africa?

Thousands of Elon solar PV water heating systems installed across South Africa. No maintenance and simple user controls means fewer callouts and user support requests. The Elon is the most affordable solar PV unit in its class. Easy installation: No need to replace elements or install and wire multiple components.

How does the Elon's range - solar PV water heating work?

The Elon's Range - Solar PV Water Heating made possible How it works The PowerOptimal Elon's operates on a very simple principle: it enables direct current (DC) electricity produced by solar PV modules to be used directly for water heating using a standard electric geyser with alternating current (AC) heating element and AC thermostat. The

Solar PV ready. No need for a control unit, inverter or batteries! Simply connect solar PV panels directly to the Elon Smart Water Heater. Elon Smart Water App gives you real time visibility and control. Seamlessly connecting you with ...

Solar PV module costs have dropped dramatically - by over 80% in the past 5 years - and the trend is continuing. This has changed the paradigm. Whilst solar PV systems will continue to require more roof space than solar thermal in the short term, the key issue is not roof space, but cost. Solar PV systems have

The Elon's 100 is connected to the geyser element and thermostat. When the solar modules are producing electricity, the Elon's 100 feeds this into the geyser element to heat water, until the water reaches the temperature setting on the thermostat. The Elon's 100 controller dial setting (see Section 2.3) will determine if or when the Elon's 100 will

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geyser.

TABLE 1B. ELON® KIT EASY SELECTION GUIDE - WHAT SIZE GEYSER ELEMENT IS THE BEST MATCH? To get the best performance from your Elon® solar PV water heater, it is important that the geyser element is a good match for the size of your solar PV array. This table helps you match the size of the solar PV array with the size of the geyser element.

No extra plumbing needed. Just an sparky that fits the solar panels, MPPT and new heating element to the geyser. This about half the installation cost for an upgrade to solar geyser vs thermal. In interest is that there is a video on the early "beta" version of the GeyserWise PV system.

PowerOptimal Elon® 100 The innovative PowerOptimal Elon® 100 incorporates proprietary solar PV (photovoltaic) power management technology to allow for direct connection of solar PV arrays to electric geysers (water heaters) with optimised solar power use in a single compact unit. The system can be connected to the grid (AC mains) as

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Elon 100 Solar PV Kits. take me to downloads. Ready to be installed. Includes the Elon unit, Solar PV panels, and entire balance of system (see downloads). Kits available with either 2 x 470W, 3 x 470W or 4 x 470W Jinko solar PV panels. Kwikot electric water heater optional (150L or 200L). request a quote.

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Elon 100 Solar PV conversion Water Heating unit The Elon range operates on a basic principle: enabling a direct connection of electricity produced by solar PV panels to a standard electric geyser. This means the Elon can run completely ...

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the Elon Smart Water Heater. Elon Smart Water App gives you real time visibility and control. Seamlessly connecting you with plumbers and insurers. Reduce risk. Reduce cost. Reduce carbon.

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Lowest cost per kWh of water heating your money can buy, anywhere. SAVE MONEY NOW Facebook Instagram Linkedin The Elon[®] 100 The innovative PowerOptimal Elon[®] 100 incorporates proprietary solar PV (photovoltaic) power management technology to allow for direct solar PV DC to electric geyser power provision and optimised solar power use in a single ...

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