

Elon Smart Installation Training Course (18:00) Elon Smart troubleshooting guide video (3:05) Elon 100 Basic Online Training Course (44:00) Elon 100 Installation Training Course (18:06) Elon 100 user instructions video (8:13) Elon 100 training videos for electricians (7:26) For plumbers: how to disconnect or reconnect the Elon&#174; 100 or Smart ...

Document Version: 2.13 info@poweroptimal Directors: RA Fearon, FS Moolman, JJ Theron, DM Weber (Independent), IR Jandrell (Independent) Company registration number: 2012/099947/07 PO Box 5, Kleinmond, 7195 INTRODUCING THE PowerOptimal Elon&#174; 100

It is a set of energy efficiency regulations that are compulsory for new buildings and for additions and extensions to existing buildings. One of the key requirements of SANS 10400-XA is that no more than 50% of the annual ...

The innovative PowerOptimal Elon&#174; 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 ...

The innovative PowerOptimal Elon&#174; 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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Document Version: 2.16 info@poweroptimal Directors: RA Fearon, FS Moolman, JJ Theron, DM Weber (Independent), IR Jandrell (Independent) Company registration number: 2012/099947/07 PO Box 5, Kleinmond, 7195 INTRODUCING THE PowerOptimal Elon&#174; 100

Elon&#174; 100 Troubleshooting Basics for Technicians V1.0 . NOTE: This Troubleshooting Guide is intended for technicians and not general users. Users should please refer to the User Manual, ...

Elon 100. The Elon 100 is connected to the geyser element and thermostat. When the solar modules are producing electricity, the Elon 100 feeds this into the geyser element to heat water, until the water reaches the temperature setting on the thermostat. Depending on the Elon 100 efficiency setting (see Section 3.3) or when

the user presses the ...

8. Recommended wiring size is at least 2.5 mm<sup>2</sup>. Use panel wire for all connections to the Elon<sup>174</sup>; 100. 9. Install the Elon<sup>174</sup>; 100 unit according to wiring diagram (see Section 2). a. Mount the Elon<sup>174</sup>; 100 unit close to the geyser and protect from outside elements. The maximum wire length between Elon<sup>174</sup>; 100 and geyser is 3 m. . .

**STEPS TO DISCONNECT THE ELON<sup>174</sup>; 100 FROM THE GEYSER.** Switch off the geyser circuit breaker in the main DB board.; Switch off both the AC isolator and DC circuit breaker or isolator.; Remove the geyser cover. Pull out the green element adapter and thermostat from the element by pulling on the element adapter (see the photo). No need to disconnect any of the wires.

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Elon 100 control box R 7,239.00 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 ...

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W Directors: RA Fearon, FS Moolman, JJ Theron, DM Weber (Non-Executive), IR Jandrell (Independent) E info@poweroptimal Company registration number: 2012/099947/07 **WHAT ARE THE BENEFITS?** Based on a lifetime cost per kWh of water heating (Levelised Cost of Energy or LCOE), the Elon<sup>174</sup>; brings you the lowest cost of any water ...

About Us PowerOptimal, founded in 2014, is a leader in sustainable, smart, simple energy solutions, specialising in hot water. Our technology platform is built on proven South African electricity demand management technology, with a ...

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