

# PowerOptimal Elon® 100

## Quick Reference User Guide

### v2.08

 <p><b>Solar PV Water Heater Quick Reference Guide</b></p>	Dial Setting	Time on Mains*	Time on Solar*	24-Hour Clock
	<b>MAINS ONLY</b>	24 hr	Never	
 <p><b>Dial Lights</b></p>	<b>1</b>	12:00 to 08:00	08:00 to 12:00	
	<b>2</b>	14:30 to 05:30	05:30 to 14:30	

	3	17:00 to 03:00	03:00 to 17:00	
* Times are approximate - will vary slightly with season and location	<b>SOLAR ONLY</b>	Never	24 hr	







< Attach Elon Serial Number

Label Here >

### Mains & Solar Indicator Lights

**Note 1:** Initial switch-on wait time for solar is **1 min** and for mains is **5 min**.

**Note 2:** Turning dial into “Mains Only” and back out will start mains heating cycle until geyser is on temp.

	Lights	Meaning
	<b>Green light ON</b>	<b>Geyser on temperature</b>
	<b>Green light flashing</b>	Heating with solar
	<b>Red light ON</b>	Mains power available (power to Elon® unit on)
	<b>Red light flashing</b>	Heating with mains

	<b>Both lights ON</b>	Geyser is on temperature. Mains power available (mains power to Elon® unit on)
	<b>Red light ON &amp; Green light flashing</b>	Heating with solar. Mains power available (mains power to Elon® unit on)
	<b>Red &amp; Green light flashing fast</b>	Isolation fault (contact electrician)
	<b>Both lights OFF</b>	No power to unit (for example: no sun plus a power failure, or no sun plus geyser breaker at DB board is switched off) OR supply voltage outside specifications



[www.poweroptimal.com/elon100](http://www.poweroptimal.com/elon100)

**Online user instruction video:**

[www.poweroptimal.com/manuals](http://www.poweroptimal.com/manuals)

**Full user manual:**

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