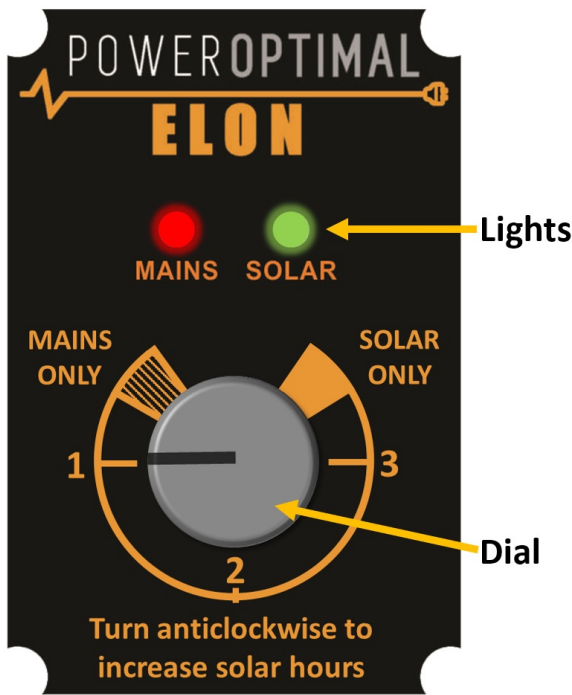


PowerOptimal Elon® 100 Quick Reference User Guide

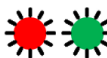
Version 2.09 · Last updated June 2026

POWEROPTIMAL
ELON® 100 Solar PV
Water Heater Quick
Reference Guide



Dial Setting	Time on Mains*	Time on Solar*	24-Hour Clock
MAINS ONLY	24 hr	Never	
1	12:00 to 08:00	08:00 to 12:00	
2	14:30 to 05:30	05:30 to 14:30	
3	17:00 to 03:00	03:00 to 17:00	
SOLAR ONLY	Never	24 hr	

* Times are approximate – will vary slightly with season and location

Lights	Meaning
 Green light ON	Geyser on temperature
 Green light flashing	Heating with solar
 Red light ON	Mains power available (power to Elon® unit on)
 Red light flashing	Heating with mains
 Both lights ON	Geyser is on temperature. Mains power available (mains power to Elon® unit on)
 Red light ON & Green light flashing	Heating with solar. Mains power available (mains power to Elon® unit on)
 Red & Green light flashing fast	Isolation fault (contact electrician)
 Both lights OFF	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

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.



Online user instruction video: www.poweroptimal.com/elon100



Full user manual: www.poweroptimal.com/manuals

©Revision #5

★Created 2026-06-10 04:00:35 UTC by Sean Moolman

✎Updated 2026-06-21 09:07:43 UTC by Sean Moolman