

GEYSER ROBOT

CONVERT YOUR GEYSER INTO A SOLAR GEYSER

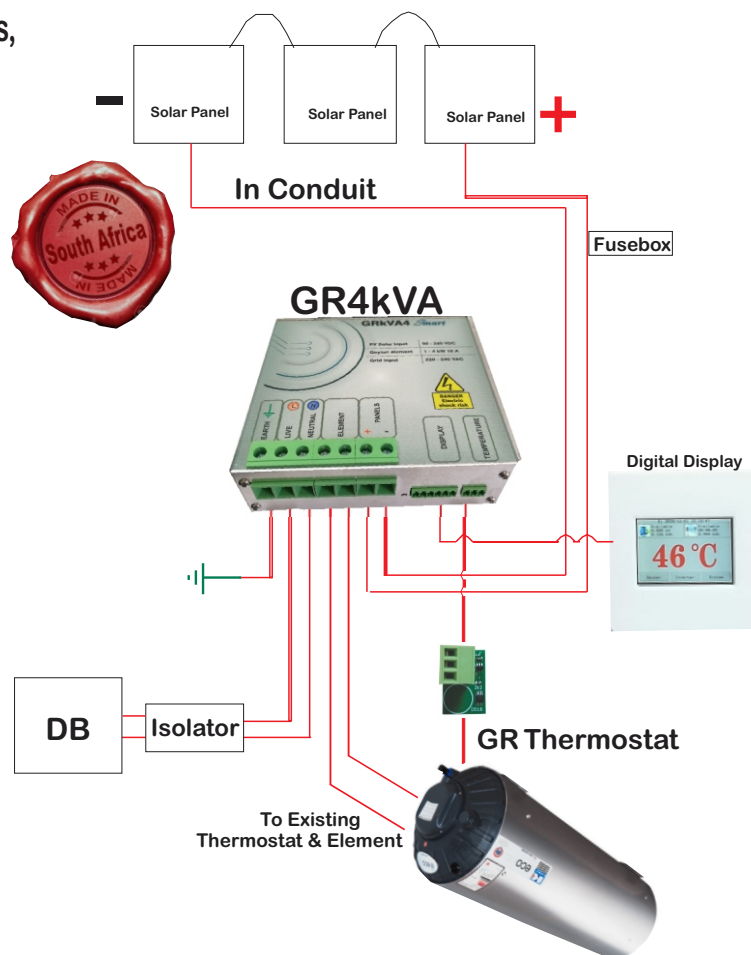
- * Best solution for multi storey buildings due to cables and not pipes, less heat loss, more cost effective.
- * Panels could be fitted any distance from geyser.
- * No moving parts eg: pumps.
- * No expensive element up-grade, uses standard elements.
- * No routine maintenance like with some other types.
- * Only light panels to be installed on roof, NO HEAVY tanks.
- * Solar panels have a 35 year life span or longer.
- * No coolants required, cost saving.
- * No covering of PV panel in summer, Geyser robot controls temperature.
- * No expensive inverter needed.
- * Grid back-up option for poor weather conditions or for specific times when hot water is needed.
- * Can function with one or both Power supplies, Solar or Grid.
- * Geyser robot **DOES NOT FEED BACK INTO THE GRID.**

Installation to be done by Accredited installers only



GR Thermostat

The GR4kVA is the most powerful and versatile model of all. The GR4kVA uses the standard AC element and thermostat. The GR4kVA has a special thermostat that accurately measures water temperature to enable advanced power saving features. It is therefore possible to have 100% power saving. Depending on climate and geyser size. The display has a full color touch screen built in logging features and WiFi to upload all data to a central server for easy access via our Cell phone App. It can monitor your solar gains and electrical usage.



Gr4kVA

Technical Data	Gr4kVA
Input DC	90 - 240Vmp
Input AC	110 - 240,50/60Hz
Output	2/3/4 kW
Efficiency	Grid : 99,5%
	Solar : 98%
	MPPT
Equipment	3.5" Touch Screen
	Fits 4x4 Junction Box
	Digital Thermometer
	WiFi + App
	2 x Grid Timers
	2 x Temperatures
	Smart Micro Logger
Optional Extras	Water Meter
	Power Meter
	1 - 4 x Current Sensor
	Inverter Monitoring
	GR - Inverter 500W
Dimensions	180mmx160mmx70mm
Max VOC	325
Max VMP	270
PROTECTION	
AC Disconnect	*
Reverse Polarity	*
Over Voltage	*
Category 1	
Transient	
Category 1	*

Solar Panel Powered

Solar Geyser with Grid Back-up.
Use existing Geyser, Thermostat & Element.
Compatible with 2-4kW Elements, thermostat.
Colour Digital/Touch Screen
Digital Thermostat fitted.
Built-in timers
WiFi; optional Water & Power meter

LITE
GR4kVA
Timer

Solar Geyser with Grid Back-up.
Use existing Geyser, Thermostat & Element.
Compatible with 2-4kW Elements
Optional Timer in DB
Built-in MPPT for optimum performance
NO MOVING PARTS

SMART
GR4kVA
Digital Display
GR Thermostat



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