

GEYSERWATCHER

HOT WATER FROM THE SUN USING STANDARD GEYSERS

GEYSERWATCHER

takes care of all your hot water needs without fuss

FREE HOT WATER

GEYSERWATCHER does all the work – do not change a thing!

STORE ENERGY DIRECTLY

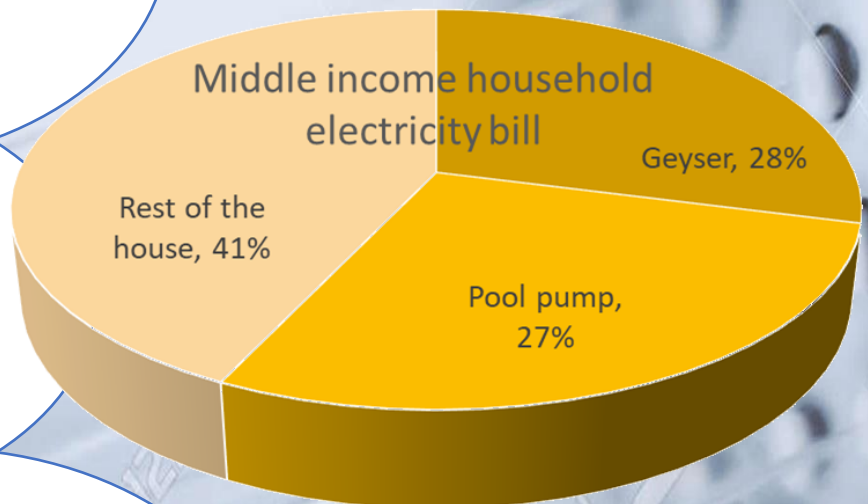
Do not waste energy by charging batteries.

SAVE ON HOME INVERTER COST

Why pay extra for an inverter if you hardly use it to power a geyser?

COLLECT EVERY LAST DROP OF SOLAR POWER

GEYSERWATCHER makes use of all the power available from the sun, all the time.



PROFESSIONAL SOLAR POWERED
GEYSER CONTROLLER
FOR ALL APPLICATIONS...

TECHNICAL SPECIFICATIONS

The table below summarizes the technical specification of the **GEYSERWATCHER®**.

GEYSERWATCHER Econo

Operating Temperature	-5° C to 50°C
Efficiency	96% (Input voltage dependent)
PV Input Supply Voltage minimum	60V DC (MPPT Voltage)
PV Input Supply maximum	300V D.C. (Open circuit Voltage)
Maximum PV Current at full power	11.0A D.C.
Maximum PV Panel Rating	1800W
Maximum element size	3kW
PWM Frequency	60kHz
Element Voltage	PWM DC MPPT Voltage 60V - Vmpp
Conversion Type	PWM Buck MPPT
Dimensions	164x150x65mm
Terminal Rating	10mm ² 52A
Weight	1kg
AC Input direct to element	230V 15A AC
ZAR (excl. VAT)	R5 148.00

GEYSERWATCHER Ultra

Operating Temperature	-5° C to 50°C
Efficiency	>96% (across full supply voltage range)
PV Input Supply Voltage minimum	60V DC (MPPT Voltage)
PV Input Supply maximum	300V D.C. (Open circuit Voltage)
Maximum PV Current at full power	11.0A D.C.
Maximum PV Panel Rating	1800W
Maximum element size	3kW
PWM Frequency	60kHz
Element Voltage	PWM DC MPPT Voltage 60V - Vmpp
Conversion Type	PWM Buck MPPT
Dimensions	164x265x102mm
Terminal Rating	10mm ² 52A
Weight	1.5kg
AC Input direct to element	230V 15A AC
ZAR (excl. VAT)	R6 740.00

GEYSERWATCHER® is compatible with any standard geyser with standard thermostat.
EN 55032 / CISPR 32, EN 55032 / CISPR 32, SANS 60529

WHAT IS THE GEYSERWATCHER®?

GEYSERWATCHER® gives you access to solar power for your standard geyser.

The **GEYSERWATCHER®** is designed with simplicity, quality, and value for money.

GEYSERWATCHER® installs with the least amount of disturbance to your existing geyser. No need to change, replace, replumb anything.

GEYSERWATCHER® requires no change to thermostat or element or adding any thermal sensors which may complicate installation.

GEYSERWATCHER® is compatible with any standard geyser.

WHY USE THE GEYSERWATCHER®?

No changes to plumbing required.

No large solar inverter required.

No changes to element required.

No additional thermostat required.

CONTACT www.geyserwatcher.com for more information, sales and trade enquiries.