



# Water Equation & Solar System.

*"All About Your Flow."*



**COMPANY PROFILE**



[info@waterequationsolar.com](mailto:info@waterequationsolar.com)



Jathinel Complex, Utawala  
Transworld House, Rongai



+254738344112/ +254714138898



[www.waterequationsolar.com](http://www.waterequationsolar.com)

## Water Equation and Solar System Ltd: Your One-Stop Solution for Sustainable Water and Energy

In today's world, where environmental consciousness is paramount, Water Equation and Solar System Ltd stands out as a beacon of sustainable innovation. We are a forward-thinking company dedicated to providing comprehensive solutions for water and energy needs, ensuring a greener future for generations to come.

At Water Equation and Solar System Ltd, we believe that access to clean water and sustainable energy is a fundamental human right. That's why we've harnessed the power of cutting-edge technology to develop eco-friendly solutions that address the critical challenges faced by communities worldwide.

Our water solutions encompass a wide range of services, from rainwater harvesting systems to water purification technologies. We are committed to providing clean, accessible water to communities, ensuring their health and well-being.

On the energy front, we specialize in solar power systems, offering both residential and commercial solutions. Our team of experts will guide you through the process, from initial consultation to installation and maintenance, ensuring a seamless transition to solar energy.

At Water Equation and Solar System Ltd, we are not just a company; we are a catalyst for change. We are passionate about empowering communities to embrace sustainable practices, reducing their carbon footprint, and contributing to a healthier planet.



## Vision:

To be a global leader in sustainable water and energy solutions, empowering communities to thrive in a harmonious relationship with nature.

## Mission:

To provide innovative, accessible, and cost-effective water and energy solutions that address the critical needs of communities worldwide, promoting environmental sustainability and social equity.

## Purpose:

To create a world where clean water, renewable energy, and environmental consciousness are not just privileges but a reality for all.

## Core Values:

**Innovation:** We embrace creativity and continuous improvement to develop cutting-edge solutions that address the evolving challenges of water and energy sustainability.

**Sustainability:** We are committed to minimizing our environmental impact and promoting practices that conserve resources and protect our planet.

**Community Empowerment:** We empower communities to take ownership of their water and energy needs, fostering resilience and self-sufficiency.

**Social Equity:** We strive to bridge the gap in access to clean water and renewable energy, ensuring that these essential resources are available to all, regardless of their socioeconomic status.

## Goal:

To become the leading provider of sustainable water and energy solutions, reaching over 100 million people worldwide by 2030, with a focus on underserved and disadvantaged communities.

## OUR SOLUTION

### SOLAR POWER

- Solar PV Solutions
- Solar Water Heating
- Solar Structures
- Hybrid Solar Solutions
- Solar Water Pumping



### WATER SOLUTION

- Borehole Solutions
- Compressed Steel Water Tanks
- Water Pump Inverters
- Irrigation Solution
- Water Treatment



## **COMPLIANCE**

### **REGULATORY**

Water Equation and Solar System Ltd is a committed to providing high-quality products and services that meet the needs of its customers. Water equation & solar system ltd is registered with NCA, EPRA and also Tax Compliant with KRA.

### **ENVIRONMENTAL**

Water Equation and Solar System Ltd is also dedicated to environmental sustainability and is committed to using renewable energy sources whenever possible.

## **OUR PRODUCTS**

- Solar Panels
- Solar Pumping Inverter
- Irrigation Pumps
- Borehole Water Pumps
- Solar Water Heaters
- Water treatment

# OUR SERVICES

## SOLAR PUMPING SOLUTIONS

### (AC&DC PUMPING)

Our innovative solar-powered water pumping solutions offer a sustainable and cost-effective alternative to traditional generator-powered systems. With both shallow well and deep borehole pumping options, we cater to a wide range of water extraction needs.

-Reduced operating costs

-Minimal maintenance

-Battery-free operation

We sell both;

Helical Rotar pumps: Ideal for shallow well applications, these pumps offer efficient water extraction at low heads.

Centrifugal pumps: Designed for deep borehole applications, these pumps deliver high-volume water extraction at higher heads.



## SOLAR WATER HEATER

At Water equation & solar system ltd, we provide a comprehensive range of hot water systems tailored to both domestic and commercial needs. Our products encompass a diverse array of technologies, including flat plates & heat pipes. Renowned for their exceptional reliability and performance, our systems have garnered widespread recognition in the industry.

Recently, we expanded our expertise into the commercial sector, introducing a line of high-efficiency hot water systems specifically designed to reduce electricity costs and optimize industrial steam generation. These innovative systems deliver a consistent and ample supply of hot water, ensuring your business operations run smoothly.



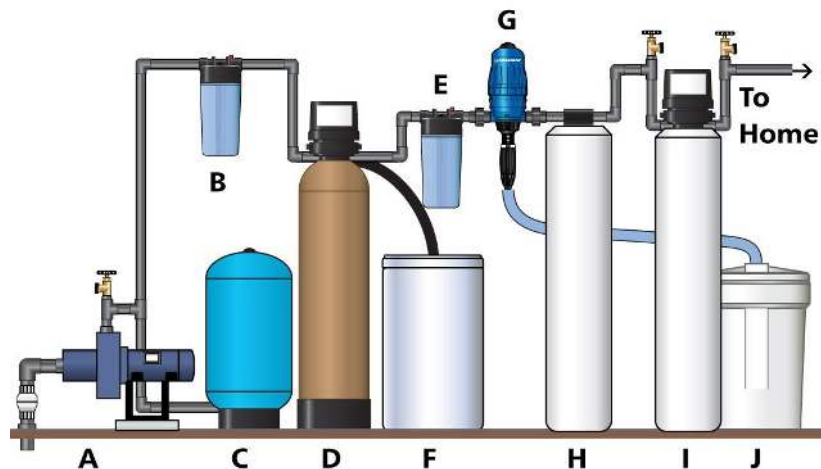


## WATER TREATMENT

At Water Equation & Solar System Ltd, we prioritize the well-being of our customers by providing comprehensive water treatment services to ensure access to clean and safe water.

Our team of experienced technicians conducts thorough water testing to identify and address any contaminants, including lead, arsenic, and bacteria.

We tailor our treatment recommendations to your specific needs, offering a range of services such as water filtration, water softening, reverse osmosis, and UV disinfection..



- |                           |                                |
|---------------------------|--------------------------------|
| <b>A. Well Pump</b>       | <b>F. Brine Tank</b>           |
| <b>B. Sediment Filter</b> | <b>G. Dosatron Chlorinator</b> |
| <b>C. Pressure Tank</b>   | <b>H. Blending Tank</b>        |
| <b>D. Softener</b>        | <b>I. Carbon Filter</b>        |
| <b>E. Sediment Filter</b> | <b>J. Chlorine Tank</b>        |



# STRATEGIC PARTNERS

