

## Solar Energy South Africa

# Sun culture battery Uganda



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**200kWh  
Battery Cluster**

### [Services Archive](#)

Battery Materials Services . Hydropower systems are capital intensive assets can produce a significant income for decades provided they are operated and maintained to a high standard. Read More Sunculture Uganda is a member of the ...

## 6 Factors For Choosing The Best Solar Battery

How to Choose the Best Solar Battery to Store Energy? 1. Capacity. Solar Battery capacity is the quantity of electric power stored in it. Most Solar batteries are unable to run at their full capacity. For instance, a standard Solar battery has a capacity of 90%, which means a battery with a 10 kW capacity can utilize only 9 kW as its best



## 6 Factors For Choosing The Best Solar Battery

A Solar battery collects the energy from the sun during the day, storing it to use when you need it most--making it a consistent, dependable, and sustainable source of energy. Solar energy is cheaper than fossil fuels, but ...

## Solar water pumps in Uganda are securing better yields for farmers

The Beyond the Grid Fund for Africa has so far contracted six companies in Uganda, and a total of 26 companies across Burkina Faso, DRC, Liberia, Uganda and Zambia. Once implemented, the current programme portfolio will have the potential to reach over 8.6 million people across these five countries.



## ClimateSmart Battery with RainMaker2S + Direct Drip

Elevate your irrigation efficiency with the ClimateSmart(TM) Direct with RainMaker 2S + Direct Drip. Perfect for farms under 1 acre, this system delivers a maximum head of 30m and a flow rate of 1.1m<sup>3</sup>/hour. Powered by a robust solar panel, it ensures sustainable water management. Optional addons include a single-panel solar stand. Invest in a reliable, eco-friendly irrigation solution ...



## [SunCulture Uganda, Author at SunCulture](#)

ClimateSmart(TM) Battery with Rainmaker 2C;  
 ClimateSmart(TM) Battery + Rainmaker2S;  
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 Author: SunCulture Uganda; Page 2; Employee Stories;  
 April 27, ...



## [ClimateSmart\(TM\) Direct with Rainmaker 2S](#)

Elevate your irrigation efficiency with the ClimateSmart(TM) Direct with RainMaker 2S. Perfect for farms under 1 acre, this system delivers a maximum head of 30m and a flow rate



of 1.1m<sup>3</sup>/hour. Powered by a robust solar panel, it ensures sustainable water management. Optional addons include a single-panel solar stand. Invest in a reliable, eco-friendly irrigation solution that ...

## SunCulture - InfraCo Africa

Across Africa, an estimated seven hundred million people live on smallholder farms without adequate access to water. As the effects of climate change become more extreme and temperatures rise across the continent, reliance on rainfed agriculture has led to crop losses, famine, and displacement of families from areas impacted by increasingly frequent droughts ...



## Our Impact

Our Impact Read through some of our success stories Empowering smallholder farmers with solar irrigation 0 K+ Farmers use SunCulture products We are the largest distributor of solar irrigation for smallholder farmers in Sub-Saharan Africa, with 50% market share in East Africa 0 % Lower costs vs. petrol & diesel irrigation We use carbon revenues [...]

## ClimateSmart(TM) Direct with Rainmaker 2CK

Boost your farm's productivity with the ClimateSmart(TM) Direct with RainMaker 2CK, ideal for farms under 2 acres. This powerful solar irrigation system offers a maximum head of 30m and a flow rate of 2.75m<sup>3</sup>/hour, ensuring efficient water distribution. Enhance your setup with

optional addons like a double-panel solar stand.  
 Choose a sustainable and reliable irrigation  
 solution that helps ...




## News

Latest News Get the latest news from SunCulture August 5, 2024 5 Benefits of Using Solar Water Pumps for Irrigation Latest News Get the latest news from SunCulture August 5, 2024 5 Benefits of Using Solar Water Pumps for Irrigation... Read More August 5, 2024 Expanding the Market: How SunCulture's Lipa Pole Pole Model is [...]

## About Us

About Us Get to know SunCulture At SunCulture, we strive to solve the biggest daily challenges of smallholder farmers. We use off-grid solar technology to provide our customers with reliable access to water, irrigation, lighting, and mobile charging, and we can do all of that with a single system. Our most popular products combine solar [...]



-  **Efficient Higher Revenue**
  - Max. Efficiency 97.0%
  - Max. PV Input Voltage 600V
  - 200W Peak Output Power
  - 2 MPPT Stages, 150% DC Input Overloading
  - Max. PV Input Current 15A, Compatible with High Power Modules
-  **Intelligent Simple O&M**
  - IP66 Protection Degree: support outdoor installation
  - Smart I-V Curve Diagnosis Function: locate PV string faults accurately and automatically detect faults
  - DC & AC Type II SPD: prevent lightning damage
  - Battery Reverse Connection Protection
-  **Flexible Abundant Configuration**
  - Plug & Play, EPC Switching Under 30min
  - Compatible with Lead acid and Lithium Batteries
  - Max. 6 Units Inverters Parallel
  - MFC Function (optional): when an acc. fault is detected the inverter immediately stops operation

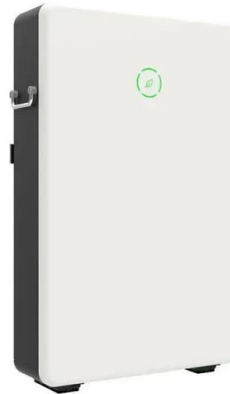


## [Begura Eria, Bisheshe Lugusulu Sembabule](#)

Begura Eria, a 52-year-old livestock farmer from Bisheshe, Lugusulu in Sembabule District, Uganda, exemplifies agricultural resilience. The district is renowned for its diverse agricultural activities, including the cultivation of cassava, sweet potatoes, maize, and millet, alongside extensive cattle herding and ranching.

## [Case Studies Archives](#)

Jamleck purchased the SunCulture ClimateSmart Battery plus RainMaker2S with TV add-on in October [...] Read More. Case Studies; January 1, 2021; Josephine Waweru . Josephine is 52 years old, married and has four children. She is living on a farm located in Sagana of approximately three acres. Her main source of livelihood is farming and she



## **SunCulture on LinkedIn: Solar water pumps in Uganda are ...**

??? The Beyond the Grid Fund for Africa is expanding its portfolio in #Uganda and has signed a new agreement with SunCulture Uganda to scale up solar-powered water pumps and irrigation

## [ClimateSmart\(TM\) Battery with Rainmaker2C](#)

ClimateSmart(TM) Battery with Rainmaker 2C  
 Pricing Details UGX 180,348 /Month Deposit :  
 UGX 382,804 Pay in 30 Months Cash : UGX  
 4,190,000 36 Months Warranty Free Delivery  
 Free Installation Features Maximum head : 20m  
 Maximum flow : 3.0m<sup>3</sup>/hour Farm size : < 2 Acres  
 Addons Solar panel stand (single panel stand)  
 Spark a Greener Tomorrow [...]



## [ClimateSmart\(TM\) Direct with Rainmaker 2S](#)

Elevate your irrigation efficiency with the ClimateSmart(TM) Direct with RainMaker 2S. Perfect for farms under 1 acre, this system

delivers a maximum head of 30m and a flow rate of 1.1m<sup>3</sup>/hour. Powered by a robust solar panel, it ensures ...



## ClimateSmart(TM) Battery with RainMaker 2C

Upgrade your farm's irrigation with the ClimateSmart(TM) Battery with RainMaker 2C, perfect for farms under 2 acres. This powerful system offers a maximum head of 20m and a flow rate of 3.0m<sup>3</sup>/hour, providing efficient and reliable water delivery. Enhance your setup with optional addons like a single-panel solar stand. Choose this sustainable, high-performance irrigation ...



## Contact Us

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For catalog requests, pricing, or partnerships, please visit:  
<https://ian-solar.co.za>