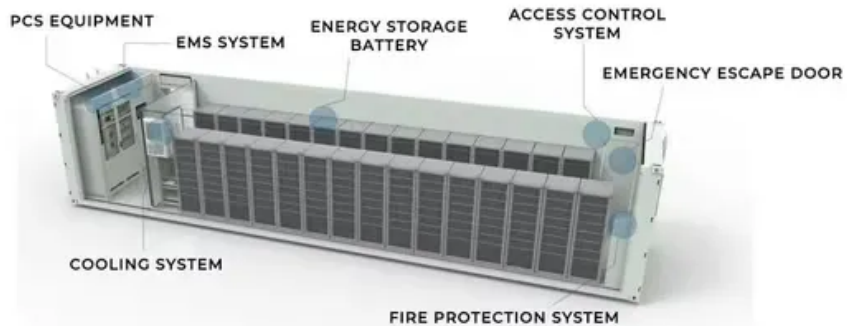


## Solar Energy South Africa

# Energyvault com Eritrea



## Overview

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Energy Vault is a global company specializing in and based, long-duration energy storage products. Energy Vault's primary product is a to store energy by stacking heavy blocks made of composite material into a structure, capturing in the elevation gain of the blocks. When demand for is high, these blocks are lower.

Who is Energy Vault?

Energy Vault partners globally to deliver unmatched hardware, software, and service solutions.

What is Energy Vault ® partnership?

Energy Vault ® partnership programs are designed to enhance sustainable production design and to encourage global deployment of Energy Vault Solutions™. Energy Vault creates gravity and kinetic based energy storage solutions that are transforming how the world delivers reliable and sustainable electricity.

Why should you choose Energy Vault?

With our vast global network in leadership, management, and contribution, Energy Vault is well positioned to meet the large and currently unmet demand for sustainable and economical energy storage for renewable energy generation worldwide.

How did Energy Vault get funding?

In 2019, Energy Vault secured funding from Cemex before going on to secure \$110m of Series B funding to become the first energy storage investment of the SoftBank Vision Fund, and won Fast Company's World Changing Idea Award for transformative utility-scale energy storage.

Is Energy Vault a sustainable company?

Energy Vault Achieves Highest 2024 ESG Score Among Energy Storage Companies in its Industry to Date from S&P Global Ratings Energy Vault has

achieved a Corporate Sustainability Assessment (CSA) score of 68 out of 100 from S&P Global ESG Ratings, placing us in the 98th percentile of our industry.

Is Energy Vault executing its growth strategy in 2024?

WESTLAKE VILLAGE, Calif., October 02, 2024 -- (BUSINESS WIRE)--Energy Vault Holdings, Inc. ("Energy Vault") (NYSE: NRGV), a leader in sustainable, grid-scale energy storage solutions, today announced continued progress in executing its growth strategy unveiled during the May 2024 Investor and Analyst Day.

## Energyvault com Eritrea

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### [Energy Vault Project - China, Rudong](#)

The 25 MW/100 MWh EVx (TM) Gravity Energy Storage System (GESS) is a 4-hour duration project being built outside of Shanghai in Rudong, Jiangsu Province, China. The EVx (TM) is under construction directly adjacent to a wind farm and ...

### [Research & Development](#)

Energy Vault is committed to continual technology innovation in the pursuit of solving the one of the largest global problems facing the planet today, how to store renewable energy in both an economical and sustainable way to end the world's reliance on fossil fuels.



### **Agreement Between the Rio Grande Do Norte Government & EV ...**

( ) With a management team of professionals with over 35 years of experience in the Energy area in Brazil and abroad, EV Brasil works collaborating towards the global transition to a resilient and carbon-free energy network. The company actively participates in the fight against climate change with green and innovative energy

### [EV Projects Internal](#)

In April of 2023, China Tianying (CNTY) commenced construction of Zhangye City's first Gravity Energy Storage System (GESS) project. Once completed, the 175 meter structure will be equipped with a peak power output of 17 MW and a maximum energy capacity of 68 MWh.



**Deye Official Store** **10 years warranty**

**LFP12V100**



**EV**

We exist to enable a sustainably energized world. We strive to create a world powered by renewable resources. At the core of our existence, lies the sense of urgency to meet the energy demands of the present, while enabling prosperity for future generations.

**EV**

New Financing Will Accelerate Growth and Rapid Global Deployment of Company's Transformative Utility-Scale Energy Storage Technology. LUGANO, Switzerland--(BUSINESS WIRE)--Energy Vault, the creator of renewable energy storage products that are transforming the world's approach to long duration, utility-scale energy storage, today ...



**LFP 280Ah C&I**

[Energy Vault Project - China, Rudong](#)

The 25 MW/100 MWh EVx (TM) Gravity Energy Storage System (GESS) is a 4-hour duration project being built outside of Shanghai in Rudong, Jiangsu Province, China. The EVx (TM) is under construction directly adjacent to a wind farm and national grid. It will augment and balance China's energy grid through the shifting

of renewable energy to serve the State Grid Corporation of ...

## Build a Better Battery Energy Storage System with B-VAULT(TM)

Grid operators need agile support from fast-responding energy sources. Asset owners need safe and reliable energy storage solutions. The battery product designs that got us here won't take us where we need to go.



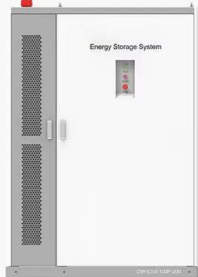
## Energy Vault Continues to Execute on Growth Strategy with





Energy Vault Holdings, Inc., a leader in sustainable, grid-scale energy storage solutions, today announced continued progress in executing its growth strategy unveiled during the May 2024 Investor

## EV

For more information on Energy Vault, please visit [energyvault.com](http://energyvault.com). Launched in 2017, CEMEX Ventures focuses on helping overcome the main challenges and capitalizing on the opportunity areas in the construction ecosystem through sustainable solutions. CEMEX Ventures has developed an open collaborative platform to lead the revolution of the

**◆ PRODUCT INFORMATION ◆**



-  **BATTERY CAPACITY**  
50kWh-500kWh
-  **DC VOLTAGE RANGE**  
400V-1000V
-  **DEGREE OF PROTECTION**  
IP54
-  **OPERATING TEMPERATURE RANGE**  
-10-50°C

## [Head of People](#)

We are seeking a Head of People to shape and head our culture, employee development, talent



operations, and workplace. Reporting to the CEO, you bring expertise in organizational design and will provide regular strategic counsel to our leadership team.

## Energy Vault

Energy Vault is a global energy storage company specializing in gravity and kinetic energy based, long-duration energy storage products. Energy Vault's primary product is a gravity battery to store energy by stacking heavy blocks made of composite material into a structure, capturing potential energy in the elevation gain of the blocks. When demand for electricity is high, these blocks are lowered...



## Energy Vault

Laurence Alexander has served as Energy Vault's Chief Marketing Officer, Chief of Staff, and Head of Investor Relations since 2022. Mr. Alexander has also served as Chairman for Wantley Manor Consultancy Ltd. since 2002 and a board advisor for Chronos Imaging LLC since 2018.

## G-VAULT(TM)

G-VAULT(TM) DATASHEET PARAMETER GRID  
 FORMING GRID FOLLOWING ELECTRICAL  
 Discharge Duration 4 - 24 hours Incremental  
 Power 1.0 MW-AC 6.25 MW-DC Output Voltage  
 690 V (AC), 3-phase delta 12kV (DC), Medium  
 Voltage Grid Frequency 50, 60 Hz Round Trip  
 Efficiency 80% (LV side of MV Transformer) 84%  
 (LV side of MV Transformer)





## Energy Vault Continues to Execute on Growth Strategy with ...

WESTLAKE VILLAGE, Calif., October 02, 2024--Energy Vault Holdings, Inc. ("Energy Vault") (NYSE: NRGV), a leader in sustainable, grid-scale energy storage solutions, today announced ...

## Governance

Marco Terruzzin has served as Energy Vault's Chief Product Officer since 2022. Prior to Energy Vault, Dr. Terruzzin served as Director of Energy Storage for RWE Renewables from 2017 to 2019. Prior to joining RWE Renewables, Dr. Terruzzin served as Head of Energy Storage Edge Platform for Stem from 2016 to 2017.



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