

## European Solar and Energy Storage Solutions

# Edge autonomy energy systems Dominican Republic



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### Advancements in the Dominican Republic's energy transition

To support these efforts, President Luis Abinader issued Decree 65-23, updating the Renewable Energy Incentives Law (Law 57-07) to enhance transparency and eliminate uncertainties in renewable contracting processes. In 2023, foreign direct investment in the energy sector, along with tourism, led the national economy, totaling US\$1,071 million.

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### Innovative Energy Solutions for Dynamic Industries: Meet James ...

Edge Autonomy is committed to robust innovations that allow teams to share data and communicate more effectively, thereby improving the outcome of ISR missions in a variety of environments. Interested in the advanced optical gimbal cameras in Edge Autonomy's Octopus line of ISR systems? Learn more about our cutting-edge solutions here.

## Payloads

A stabilized picture is crucial to providing accurate data. Our systems come pre-installed with software stabilization and roll correction, ensuring high-definition imagery that is normally reserved for much larger, more expensive gimbals requiring a larger and more expensive aircraft.



## EGE Haina gets green light for 100 MW of Dominican wind, solar

The Dominican Republic's national energy commission CNE has granted definitive concessions to domestic power producer Empresa Generadora de Electricidad Haina SA (EGE Haina) for the development of roughly 100 MW of new wind and solar projects.

## OLADE and the Ministry of Energy and Mines of the Dominican Republic

Fitzgerald Cantero, OLADE's Director of Studies, Projects, and Information, emphasized the importance of energy storage as a strategic pillar for the transition to renewable energy in the Caribbean region. "2025 should be the year of energy storage, with plans that integrate advanced technologies and public policies to drive energy system



## Uncrewed Systems

Uncrewed aircraft systems from Edge Autonomy can be deployed quickly and easily, providing rapid response for time-critical operations.

**LPR Series 19  
Rack Mounted**



VXE30 Stalker This small, uncrewed aircraft system (SUAS) features quick and easy assembly and silent operations for effective long-range reconnaissance (LRR).

## Penguin B Configurable Airframe

Our Penguin B is a high performance semi-integrated small UAV platform. Optimized for endurance, the Penguin B airframe has enough internal volume to lift 7.5 liters of fuel, providing more than 20 hours endurance with the fuel-injected engine.



## Defense Solutions

Our Energy Systems provide reliable off-grid power to critical equipment that rangers and border patrol agents rely on to stay safe and connected. Edge Autonomy Acquires Adaptive Energy, a Leader in Solid Oxide Fuel Cell Technology August 8, 2022 Epsilon 140 demonstrates small object Moving Target Indicator

## Tracking Antennas

High throughput at >180KM range Silvus Tactical Radio Compatibility Spatial Multiplexing, Space-Time Coding, and TX/RX Beamforming DES56, AES256 Encryption Learn More / Request Full Specs Additional Features Manned & Unmanned Aircraft Applications Automatic Azimuth Calibration & 360degree rotation Ruggedized & Durable Environmentally Sealed Design ...



## Endurance Power System

Ideal for use in pipeline monitoring, data collection, and other applications that require always-on power in locations that are difficult to access, the Edge Autonomy Energy Systems Endurance Power solution is optimized for long-term use and flexibility.



## Techno-economic dataset for energy market and capacity ...

Another significant dataset dedicated to the energy industry in the Dominican Republic, is the Techno-economic dataset and assumptions for long-term energy systems modelling in the Dominican Republic (2024-2050) [8]. However, this dataset compiles data from the land transport sector and the electric power sector.



## Electrical Engineer

Edge Autonomy is a leader in providing innovative autonomous systems, advanced optics, and resilient energy solutions to the US Department of Defense, US Federal Civilian Agencies, allied governments, academic institutions, and commercial entities. Edge Autonomy draws on a 34+ year history of aerospace engineering, advanced manufacturing

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## E95

Ruggedized to Operate in Any Environment. We equip our systems with super rugged designs comprised of an advanced magnesium structure. Assembled in a protected, fully sealed, dry gas environment to ensure that the system works when and where you need it to - IP 64.



## Mission

To be a recognized leader across uncrewed aircraft systems, power solutions, and intelligence, surveillance, and reconnaissance solutions through leading-edge technologies, enabling mission success for our customers on land, in the air, and at sea.

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51.2V 150AH, 7.68KWH



## **Edge Autonomy Energy Systems Company Profile**

Edge Autonomy Energy Systems (formerly known as Adaptive Energy) is a provider of backup and portable power solutions. It delivers battery tenders that integrate with wind, solar, and other alternative technologies as well as the Endurance Series products for use in pipeline monitoring and data collection.

### **Contact Us**

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For catalog requests, pricing, or partnerships, please visit:  
<https://ssab-proiect.eu>