



Observatoire Europe-Afrique 2030

Data Sheet n°58

Enterprise : Gogo Electric (Uganda)

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Degree of accuracy of the information contained in the data sheet

Medium

1. Activity of the enterprise

Founded in 2017, GOGO Electric operates across the entire e-mobility value chain, encompassing local battery lithium-ion battery technology, electric motorcycle assembly and a battery swapping network.

Key dates:

- 2018 : First Battery & E-Boda Prototypes
- 2020 : First E-Tricycle (Cargo)
- 2022: Completed Agri-Tech, Finalised E-Boda & Battery Tech

In October 2023 Bodawerk rebranded to GOGO, launched new electric motorcycle & partnered with Watu credit to fund expansion in Uganda. On January 2024, GOGO and its asset financing partner Watu have celebrated the 1,000th electric motorcycle sold in Uganda under their partnership.

Workforce: 360+

Watu is an asset financing company working in financial inclusion across Africa. It is building an ecosystem for unbanked and underserved individuals by providing access to mobility and connectivity tools. Watu's innovative financing solutions have made electric boda bodas accessible to a broader range of riders by offering flexible payment plans, often with down payments below \$100, across Kenya, Tanzania, Rwanda, Sierra Leone, and Nigeria.

The swap station network in Central and Eastern Uganda stretches from Masaka in the Eastern region to Iganga in the West, and from Entebbe in the South to Nakasongola in the North. It stands as the largest battery swapping network in East Africa at present.

In May 2024, ElectriFI has invested USD 1.6 Million in GOGO Electric. ElectriFI is a EU funded Electrification Financing Initiative, managed by EDFI Management Company (Source: electrifi.eu/news)

Project: GOGO Electric is establishing the continent's first semi-automated Lithium-Ion battery factory, boasting a potential annual capacity of 60,000 batteries.

2. Product range



Key specifications of GOGO'S EV150 electric motorcycle:

- Battery Pack: 4kWh (NMC)
- Motor Power: 2000 W
- SPEED: Up to 80 km / h
- MAX LOAD CAPACITY: 250 kilograms, equivalent to the weight of three individuals ascending a steep hill.
- RANGE: 100-120 km per battery with payload, 160-170 km per battery single rider / commuter. The capacity of our batteries is 4-5 kWh and we use NMC cell technology.
- POWERTRAIN: GOGO developed brushless DC Motor 2kW, 4 speed gearbox with wet clutch
- PURCHASE COST: Financing offered by WATU Credit. Downpayments start at 500,000 UGX (135 USD)
- OPERATIONS COST: 40% savings compared to ICE: fuel, oil, maintenance

The swappable battery system enables riders to exchange depleted batteries for fully charged ones in under two minutes, ensuring minimal downtime and enhanced productivity.



Gogo has developed its E-Bodas by seamlessly integrating their top-notch powertrains into established vehicle platforms. This ensures effortless repairs thanks to compatibility with readily available spare parts and maintenance networks.

Lithium-Ion battery packs are developed & Produced Locally with a Great Product-Market Fit Boasting the Highest Performance & Range in East Africa.

Points to check:

- **Turnover 2023?**
- **Local value added?**
- **Assembly plant location?**
- **Geographic origin of parts assembled?**

3. Sources of information

<https://gogo.co.com/technology/#e-motorbikes>

4. Contacts

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Point to be completed : Mails and phone numbers