



Observatoire Europe-Afrique 2030

Data Sheet n°10

Enterprise : ARC Ride (Kenya)

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1. Activity of the Enterprise

ARC Ride defines itself as “the leading Battery-as-a-Service (BaaS) infrastructure provider for electric 2 & 3 wheels vehicles across Africa”.

2. Product Range

Its flagship product is the locally manufactured "Corbett" electric motorcycle, whose main features are as follows:



- Power rating: 3 kW
- Range up to 60 km
- Top speed: 60 km/h.
- Total weight: 200 kg.
- Price: from 180,000 KES
- Battery recharging cost: 185 KES per charge
- Batteries: LFP (Lithium Iron Phosphate) batteries embedded with IOT chips - Weight: 12.8 kg - Voltage: 48V - Power: 30Ah



Main customers are hotels and retail outlets.

A motorbike license and a helmet are needed to ride on public roads.

Swapping cabinets allow affordable reliable and clean access to ride all day. Installed everywhere, enabling to ride anywhere in the city. Automated swapping saves time and money. Ability to quickly and safely charge multiple batteries at one time. Each cabinet is installed with a solar panel and comes with a built-in inverter for renewable battery charging.



3. Sources of information

<https://www.afrik21.africa/kenya-corbett-la-nouvelle-moto-electrique-darc-ride-circule-a-nairobi/>

<https://arcrideglobal.com/>

4. Contacts

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