Kampala lithium-ion battery technology

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The project panel mounting area is majorly a carport structure where an e-vehicle charger has been mounted in line with the goal of protecting the environment through the use of e-vehicles.

The project beneficiary"s objective is to utilize the full solar-generated electricity and align with climate change mitigation effects according to GIZ"s sustainability program. It is important to have power at the site because it"s the centre for running and management of all the GIZ programs in Uganda where power supply reliability is crucial for the institution to attain its goals.

Aptech Africa worked tirelessly to ensure the client was supplied with the best carport structure as per their requirement even under the constraint of unavailability of the brand that was initially requested by the client. Aptech used local market materials and expertise to deliver a structure that met and exceeded the client’s needs and expectations.

Many Ugandans will have a chance to learn more about sustaining e-vehicles, their charging stations and their mode of operation as GIZ showcases the new technology.

Additionally, the country office will have an economic benefit from reduced electricity bills since their offices entirely run on solar as the priority power supply.

This system will contribute to climate change mitigation as the environment will be more protected since the use of a Generator as a backup source is minimized by this installation.

In a significant stride towards sustainable development, the inauguration of a Solar PV- Hybrid Minigrid installed by Aptech Africa in Mambasa, Democratic Republic of Congo was celebrated. Aptech Africa designed

In an innovative step towards sustainable energy and reliable healthcare, Aptech Africa designed, supplied, installed, and commissioned a 125 kWp Hybrid Solar Plant at the Regional University Hospital of Bangassou.

Aptech Africa is thrilled to announce the successful installation of a 50kWp solar power system in Djibouti. Djibouti, with its abundant sunlight and growing energy demands, presents a prime opportunity

In the bustling streets of Uganda, where the vibrant rhythm of life pulses through every corner, a quiet revolution is underway. Amidst the throngs of “boda bodas” zipping through traffic, a new breed of transport is silently making its mark -- electric motorcycles.

In recent years, as concerns over urban air pollution and the sustainability of traditional transportation methods

have grown, the spotlight has turned to electric vehicles (EVs) as a promising solution. While four-wheeler EVs have garnered much attention globally, it’s the electric motorcycles that are quietly reshaping the transportation landscape in Uganda.

At first glance, the switch to electric may seem daunting for “boda boda” riders, given the higher upfront cost of electric motorcycles compared to their traditional counterparts. However, a closer look reveals a different story. Despite the initial investment, the long-term benefits of electric motorcycles far outweigh the costs.

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