**HIGH QUALITY**

Our new brand has a French design and standards included high quality products with superior guarantees as HONDA for example. We have selected the electrical and mechanical components with professionalism to ensure our users an electric bike that lasts in time. Their design has been studied for all climatic conditions. Even in case of flooded road or heavy rain, electric bikes work very well.

The quality of our plastics has also selected for their high durability and stability over time.

So we guarantee our model 1 year for the whole electric bike, including the engine and the Lithium Li-ON battery.

**SMART**

Our models are fashion and performing! The "OFF-ROAD" model is delivered with an LCD SPEEDOMETER DISPLAY.

VOLTRA make your life easier. A SMART key is provided to the customer for the purchase of electric bike allowing you to turn ON/OFF the “OFF ROAD” without the keys but by the remote only! An alarm completes the remote control of the bike to guarantee a safe parking.

When stopped at traffic lights, the “OFF ROAD” does not consume energy, unlike gasoline motorcycle.

**TECHNICAL SPECIFICATIONS AND PERFORMANCE**

People think electric bikes are only good for short commutes, but VOLTRA “OFF ROAD” is different. The electric bike can drive up to 50 km at 30 km/h speed with 1 Lithium battery in the scooter.

The braking performance is very important and our model "OFF ROAD" is equipped with front disc brake, providing maximum safety. The brake system is completed by high durability performance tires which ensures exceptional road holding.

Our model have the particularity of having a removable battery with a weight of 5kg only, allowing the user to charge anywhere and with ease. The charging time is exceptionally short with only 4 hours when it is empty. One hour charge guarantees a range of over 12km.

You will find below a table of the technical specifications of our model:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  | **OFF-ROAD MODEL** | |  |  |  |
|  |  |  |  |  |  |  |
| **Dimension (L\*W\*H)** | | | **1690×620×1050mm** | | |  |
| **Motor** | | | **500W Brushless DC motor** | | |  |
| **Removable Battery Option** | | | **48V12AH Li-Ion battery** | | |  |
| **Charging voltage** | | | **AC 220V** | | |  |
| **Charging time** | | | **4h** | | |  |
| **Brake front / rear** | | | **Disc / Expand** | | |  |
| **Tires** | | | **Fr. & Rr. 18"×2. 5** | | |  |
| **Max speed** | | | **38km/h** | | |  |
| **Mileage\*** | | | **≥45km** | | |  |
| **Net weight** | | | **48kg** | | |  |
|  |  |  |  |  |  |  |

\*under speed of 30km/h

**ELECTRIC CONSUMPTION**

The price of energy to use is 6 times cheaper than gas motorcycle. A distance of 50km traveled costs ONLY 750 riels.

All our models are equipped with fully LED lighting technology, a "DC Brushless technology" motor and one USB connection to charge the phone / tablet / power bank.

Below is a table of consumption according to the price parameters of energy, speed and distance traveled:

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| OFF-ROAD MODEL: | |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| Electric Consumption | | | |  |  |  |  |  |  |
| Energy charging  (empty to full) | | | 1 kWh |  |  |  |  |  |  |
| Range | | | 50km\* |  |  |  |  |  |  |
| Kilometer price | | | 15.00៛ |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| Distance per day (Km) | | | Price/day | | Distance per month (Km) | | | Price/month | |
| 25 | | | 375.00៛ | | 750 | | | 11,250.00៛ | |
| 35 | | | 525.00៛ | | 1050 | | | 15,750.00៛ | |
| 45 | | | 675.00៛ | | 1350 | | | 20,250.00៛ | |
|  |  |  |  |  |  |  |  |  |  |
| \* Under speed: 30km/h | | |  |  |  |  |  |  |  |

Note: The price of kwh used for our calculations is that of the city of Phnom Penh = 750 riels/kWh. The price may vary depending on the location with a maximum of 10% difference. All our calculation currency is the Riel. Several factors will affect how far you can ride as Riding Uphill, Tire pressure, Weight, Wind, Your Riding Style and Road Conditions.

**ADVANTAGES**

About Electric bikes, their advantages are:

* Cost of an electric bike: twice cheaper than motorbike
* Energy price: 6 times cheaper than gasoline
* No pollution, no smoke, no heat released, no noise…
* No Maintenance: No oil, No filter and no mechanic works
* No driving license required and No registration to the taxes
* Easy to charge at home or in the workplace by our removable battery (weight: 5kg only)
* Easy to drive and park
* 1 year manufacturer's warranty

**SAFETY**

* “Drive electric bike is really safer because the speed is slower than motorbike (around 40km/h). A 125CC motorbike can go more than 120km/h.” It means LESS accident on the road by using electric bikes.
* Our model is power below a 125CC motorcycle, there is no age required to use them. We recommend anyway a minimum age of 14.
* We also recommend wearing a helmet for optimal driving safety. Besides the purchase of one of our electric bike, a helmet is offered free to prevent road hazards.