

# EVTRON

## Electric Motorcycle



# Comparison between Electric Motorcycle and Internal Combustion Engine Motorcycle

## Cost Saving



Electric motorcycles are more energy efficient than internal combustion engine (ICE) motorcycles. In general, motorcyclists drive approximately 50 kilometers per day which we can compare expense as below table.

| 125 CC ICE Motorcycles                                                      | 3000 W Electric Motorcycle                                                                                                    |
|-----------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Fuel cost approximately 60 THB/day or 1,800 THB/month                       | Energy consumption about 1.5 kWh, average price of electricity for household 4.5 THB/kWh, total 6.75 THB/day or 200 THB/month |
| Cost of engine lubricant and differential fluid approximately 400 THB/month | 0 THB/month<br>(Electric motorcycles do not require engine lubricant and differential fluid)                                  |
| Total 2,200 THB/month                                                       | Total 200 THB/month                                                                                                           |

It can be seen that electric motorcycles can reduce expenditure up to  $2,200 - 200 = 2,000$  THB/month or 24,000 THB/year! This does NOT include maintenance cost which that of ICE motorcycles are usually significantly higher due to larger number of wear parts from ICE engine than electric motorcycles

## Low Maintenance



Electric motorcycles have considerably lower number of parts than ICE motorcycles. As a result, the electric motorcycles require lower maintenance which can save costs and reduce risk from improper maintenance and increase convenience and safety for motorcyclists.

## Eco Friendly



Electric motorcycles is solely powered by battery. There is no combustion which requires exhaust pipe to emit harmful gas. The harmful gas does not only endanger all lives but also cause greenhouse effect (which causes global warming). Moreover, ICE motorcycles do make loud noise which poses a nuisance. On the other hand, electric motorcycles neither make noise problem nor air pollution. Thus, this will save environment as well as create a better society for everyone.

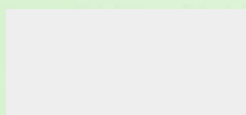
# WIND



## Specification

|                               |                           |
|-------------------------------|---------------------------|
| Motor                         | 2000 Watts                |
| Top Speed                     | 70 km/h                   |
| Battery Type                  | Lithium NMC               |
| Battery Capacity              | 72V 30Ah                  |
| Estimated Distance Per Charge | 80 km* (depends on usage) |
| Front Tire Size               | 3.0-10"                   |
| Rear Tire Size                | 3.0-10"                   |
| Front Brake                   | Disc Brake                |
| Rear Brake                    | Disc Brake                |
| Dimension                     | 1750x720x1240 mm.         |
| Net Weight                    | 70 kg                     |
| Max Loading                   | 200 kg                    |

## 4 Color Options



White



Red



Pink-Purple



Blue



# MOVE

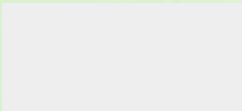


| Description                   | MOVE 2000                    | MOVE 3000                     |
|-------------------------------|------------------------------|-------------------------------|
| Motor                         | 2000 Watts                   | 3000 Watts                    |
| Top Speed                     | 70 km/h                      | 80 km/h                       |
| Battery Capacity              | 72V 30Ah                     | 72V 40Ah                      |
| Estimated Distance Per Charge | 80 km*<br>(depends on usage) | 100 km*<br>(depends on usage) |
| Front Tire                    | 3.0-10"                      | 120/70-12                     |
| Rear Tire                     | 3.0-10"                      | 120/70-12                     |

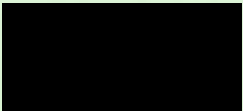
## Specification

|              |                   |
|--------------|-------------------|
| Battery Type | Lithium NMC       |
| Front Brake  | Disc Brake        |
| Rear Brake   | Disc Brake        |
| Dimension    | 1850x700x1050 mm. |
| Net Weight   | 80 kg             |
| Max Loading  | 200 kg            |

## 4 Color Options



White



Black



Grey



Blue Tint

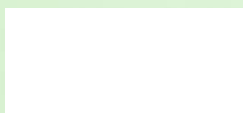
# CARRY



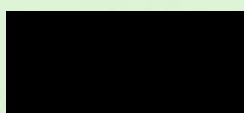
## Specification

|                               |                            |
|-------------------------------|----------------------------|
| Motor                         | 3000 Watts                 |
| Top Speed                     | 75 km/h                    |
| Battery Type                  | Lithium NMC                |
| Battery Capacity              | 72V 40Ah                   |
| Estimated Distance Per Charge | 100 km* (depends on usage) |
| Front Tire Size               | 90/70-12                   |
| Rear Tire Size                | 90/70-12                   |
| Front Brake                   | Disc Brake                 |
| Rear Brake                    | Disc Brake                 |
| Dimension                     | 1900x760x1100 mm.          |
| Net Weight                    | 90 kg                      |
| Max Loading                   | 200 kg                     |

## 4 Color Options



White



Black



Red



Grey

# MAX



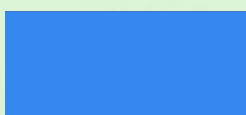
## Specification

|                               |                            |
|-------------------------------|----------------------------|
| Motor                         | 5000 Watts                 |
| Top Speed                     | 100 km/h                   |
| Battery Type                  | Lithium NMC                |
| Battery Capacity              | 72V 80Ah                   |
| Estimated Distance Per Charge | 140 km* (depends on usage) |
| Front Tire Size               | 120/70-12                  |
| Rear Tire Size                | 120/70-12                  |
| Front Brake                   | Disc Brake                 |
| Rear Brake                    | Disc Brake                 |
| Dimension                     | 2200x760x1100 mm.          |
| Net Weight                    | 95 kg                      |
| Max Loading                   | 200 kg                     |

## 4 Color Options



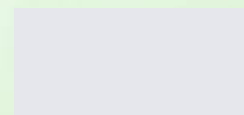
Orange



Blue



Black



White

# FLASH



## Specification

|                               |                            |
|-------------------------------|----------------------------|
| Motor                         | 5000 Watts                 |
| Top Speed                     | 100 km/h                   |
| Battery Type                  | Lithium NMC                |
| Battery Capacity              | 72V 80Ah                   |
| Estimated Distance Per Charge | 140 km* (depends on usage) |
| Front Tire Size               | 110/70-17                  |
| Rear Tire Size                | 140/70-17                  |
| Front Brake                   | Disc Brake                 |
| Rear Brake                    | Disc Brake                 |
| Dimension                     | 2050x820x1200 mm.          |
| Net Weight                    | 120 kg                     |
| Max Loading                   | 220 kg                     |

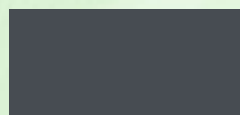
## 3 Color Options



Red



Blue



Grey





All of EVTRON electric motorcycles can be registered at Department of Land Transport and legally driven on Thailand's roads. In addition, our electric motorcycles are easier to drive than internal combustion engine motorcycles and do not create noise nor air pollution.

Moreover, we provide after sales service with experienced mechanics and engineers as well as supplying spare parts of our products. This is to achieve the highest customer satisfaction of EVTRON.



## PCJ INDUSTRIES CO.,LTD.

199/24-25 Vibhavadeerangsit road,  
Samsennai, Payathai, Bangkok 10400

Website : [www.pcjevtron.com](http://www.pcjevtron.com)

Email : [sales@pcjevtron.co.th](mailto:sales@pcjevtron.co.th)

Tel : 02 6160184



Our factory is established on our own land, area 40,000 sq.m. (approximately),  
in Kaengkhloi, Saraburi, Thailand.

