

# 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 (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.

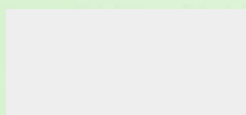
# WIND



## 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



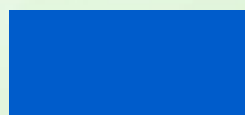
White



Red



Pink-Purple



Blue



# MOVE

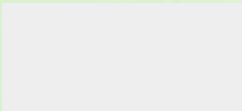


Description	MOVE 2000	MOVE 3000
Motor	2000 Watts	3000 Watts
Top Speed	70 km/h	80 km/h
Battery Capacity	72V 30Ah	72V 40Ah
Estimated Distance Per Charge	80 km* (depends on usage)	100 km* (depends on usage)
Front Tire	3.0-10"	120/70-12
Rear Tire	3.0-10"	120/70-12

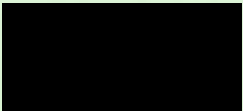
## Specification

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

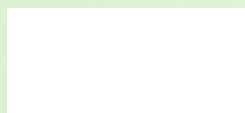
# CARRY



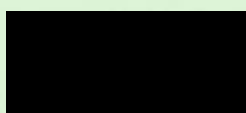
## Specification

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



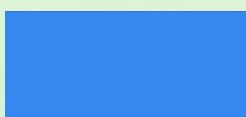
## Specification

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

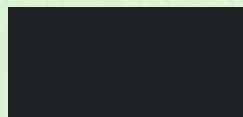
## 4 Color Options



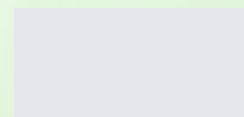
Orange



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

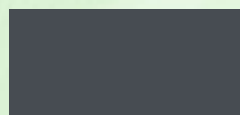
## 3 Color Options



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.

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

