



**MODENAS**  
**MEV-2**



# SUPER FAST CHARGE SYSTEM



## SUPER FAST CHARGE SYSTEM

- 2.2 kWh Removable battery ( $\leq 13$  kg/PCS).
- MEV-2 can run with 1 PCS or 2 PCS.
- Battery life time more than 2.000 cycles.
- Can work with 6.6 kW fast charger (repairable).
- 30 minutes charge with 2.2 kWh battery.
- Charger working environment -  $45^{\circ}\text{C}$  to  $75^{\circ}\text{C}$ .

On wall fast charger (optional)



Fast charger (optional)





# CAN-BUS COMMUNICATION



## CAN-BUS COMMUNICATION

- CAN-BUS manage real-time communication with batteries, controllers, sensors.
- Easy to integrate with operator's system.
- Easy to read service data.





# LED LIGHTING SYSTEM



## LED LIGHTING SYSTEM

- Class D headlight.
- Designed by famous Italian designer.
- Fashion, Safe, Energy saving.
- Brightness is 40000 CD.
- Vmoto gene.





# LCD DISPLAY



## UNBREAKABLE DISPLAY

- Large-size digital display.
- Real time battery status display.
- Cumulative kilometers display.
- Designed for anti-vandalism.
- Simple content, 50% less replacement cost.





# SPECIAL DESIGN FOR EASIER OPERATION



Tubular body parts  
to protect fairing and frame.

Customisable and easy-to-replace  
body parts.

## SPECIAL DESIGN FOR EASIER OPERATION

- Colored body parts for brand promotion.
- Body parts in small pieces, less cost for replacement.
- Body parts not touch ground if bike fall.
- Electronic connectors under front cover, easy for maintenance.
- 5 seconds to replace each body parts.



Tubular body parts  
to protect fairing and frame.



Customisable and easy-to-replace  
body parts.



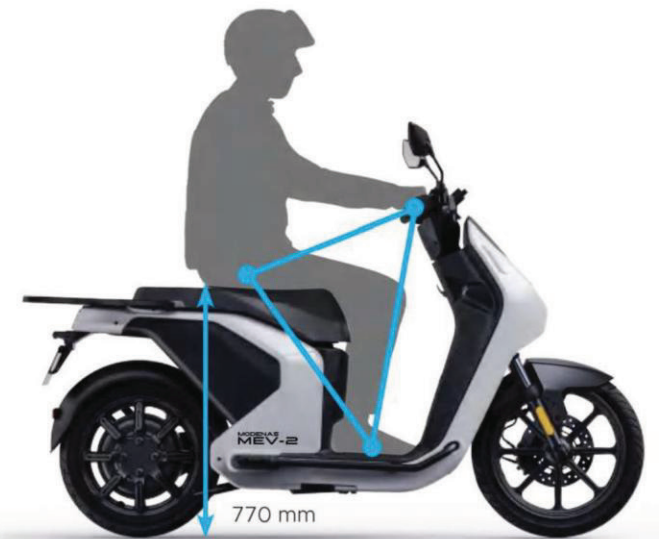


# ERGONOMIC HUMAN ENGINEERING



## ERGONOMIC HUMAN ENGINEERING

- Comfortable seat curve, easy for feet landing.
- Seat height 770 mm, easily for women as well.
- Suitable for 175 – 190 cm riders.





# SINGLE REAR SUSPENSION



## SINGLE REAR SUSPENSION

- Adjustable suspension.
- 1 suspension less than competitors' product, less parts cost for service.





# CBS WITH DOUBLE CALIPERS

## CBS WITH DOUBLE CALIPERS

- Better brake performance at emergency brake.
- More stable brake performance at high or low temperature.
- Longer lifetime for brake shoes (50% more according to test).



# LESS MAINTENANCE TIME

## LESS MAINTENANCE TIME

- 5 seconds replace tyres (together with rear rim).
- 10 seconds to replace all colored body parts.

5 seconds reach all electronic connectors.





# COLOR OPTION



## SOLIDITY, SAFETY AND STRENGTH

# SPECIFICATION

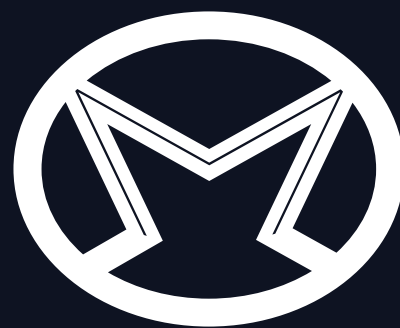
Performance	
Range	107 km*
Top Speed	80 km/h
Charger	On Board
Charging Time	3.5 hours (1 Battery)
Battery Capacity	74V 30Ah (Opt. 2 Batteries)
Battery Type	ATL lithium
Motor Power	4.0 kW (EEC) 5.1 kW (Max Peak Power)
Dimension	
Overall LxWxH	1,940mm x 730mm x 1,160mm
Wheelbase	1,327 mm

\*WMTC stage 3

Ground Clearance	130 mm
Seat Height	855 mm (R point)
Weight	110 kg
Climbing Angle	14°
Chassis	
Front Suspension	Telescopic
Rear Suspension	Hydraulic Shock Absorber
Front Tyre	90/80-16
Rear Tyre	90/90-14
Front / Rear Brake	Hydraulic Disc, Combined Braking System (CBS)







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