



**MOTOVOLT**

PRESENTS

INDIA'S FIRST

**MUSE<sub>e</sub>**

Multi Utility eScooter



**MOTOVOLT MOBILITY PVT LTD**

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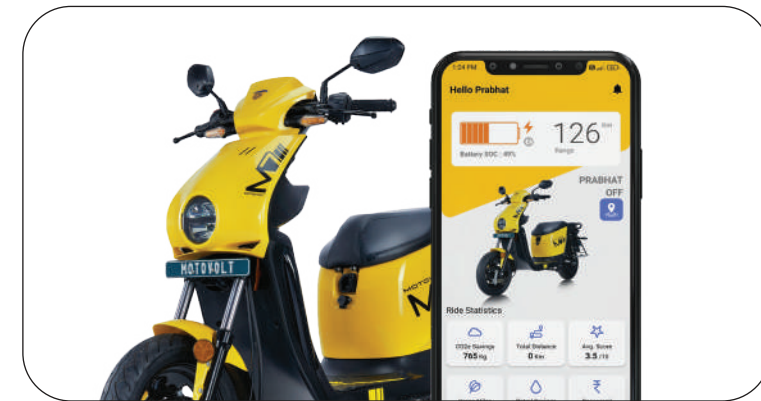
Motvolt M7 MUSE is the perfect e-scooter for every Indian rider, built in India for Indian roads and climatic conditions.

Get your Motovolt M7, and

***RIDE IT  
YOUR WAY***



## M7 Security



### Smart Lock

The M7 app also has an anti-theft smart lock on the app, that alerts you.



### Handle Lock

The key switch also acts as a handle lock, to prevent your scooter from getting stolen.



### Side Stand Sensor

Motovolt M7 also has a side stand sensor that has an indicator on the dashboard. If the side stand has been put down, the vehicle will not start.



Mr. Tushar Choudhary,  
Founder & CEO,  
Motovolt Mobility Pvt. Ltd.

## About Motovolt

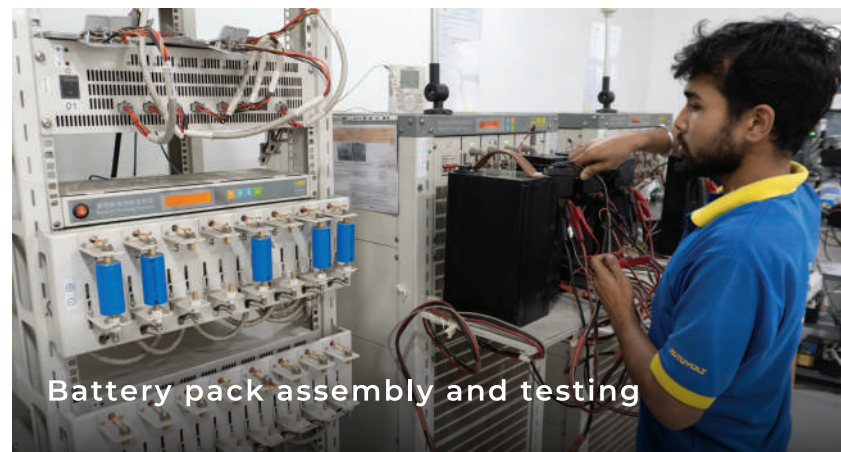
Motovolt's CEO, **Mr. Tushar Choudhary**, is a Harvard alumnus and entrepreneur with 28 years of experience in the realm of product scalability across various geographies. He seeks to transform India's mobility space by introducing a diverse range of products to enhance the adoption & user experience.

*“Motovolt started with the mission to develop and design smart e-mobility solutions, which positively impacts lives across communities and contribute towards a sustainable future.”*

## Our State-of-the-art facility

Motovolt's manufacturing unit is a symbol of innovation and sustainability in the world of electric 2-wheelers. The state-of-the-art facility streamlines the manufacturing process to ensure the durability and reliability of each product. Through technological prowess & environmental stewardship, Motovolt sets new benchmarks in the electric mobility industry.

- Use of Sustainable Materials
- Energy-efficient Processes
- State-of-the-art Testing Equipment
- Workspace Designed with Employee Well-being in Mind
- Focus on Human-centric Design



### Battery

|                         |                  |
|-------------------------|------------------|
| Dimensions              | 155*190*315      |
| Type                    | LFP              |
| Voltage                 | 60V              |
| Capacity                | 1.5 kWh x 2 Pack |
| KWH                     | 3 kWh            |
| Weight                  | 13 kg Per pack   |
| Water & Dust Resistance | IP67             |
| Certification           | AIS 156          |

### Suspension

|                  |                                                     |
|------------------|-----------------------------------------------------|
| Front Suspension | Telescopic forks                                    |
| Rear Suspension  | Spring Loaded<br>Dual Adjustable<br>Shock Absorbers |
| Frame Type       | Double Cradle                                       |
| Frame Material   | Mild Steel                                          |

### Peripherals and Convenience

|                          |        |
|--------------------------|--------|
| Headlights               | LED    |
| Tail Lights              | LED    |
| Indicators               | LED    |
| Pillion Grab Handle      | YES    |
| Side Stand Motor Cut-off | YES    |
| Boot Storage             | 5 Lits |

### Display Cluster

|                           |      |
|---------------------------|------|
| Battery Voltage Indicator | Yes  |
| Odometer                  | Yes  |
| Tripmeter                 | Yes  |
| Speedometer               | Yes  |
| Battery SOC Indicator     | Yes  |
| Water & Dust Resistance   | IP65 |

### Warranty

|                  |                                            |
|------------------|--------------------------------------------|
| Vehicle Warranty | 3 years/30,000 km<br>whichever is earlier* |
| Battery Warranty | 3 years/30,000 km<br>whichever is earlier* |

### Performance

|              |                                             |
|--------------|---------------------------------------------|
| Range IDC    | 166 kms in<br>eco mode*<br>(ARAI Certified) |
| Top Speed    | 60 Kmph                                     |
| Max Power    | 2.5 kW                                      |
| Max Torque   | 120 Nm                                      |
| Riding Modes | Eco, Power, Sport,<br>Reverse, Cruise       |
| Gradeability | 9 Degree                                    |

## Ride in Style, or Ride with Power

### Dimensions

|                  |         |
|------------------|---------|
| Length           | 1887 mm |
| Width            | 703 mm  |
| Height           | 1123 mm |
| Seat Height      | 770 mm  |
| Wheel Base       | 1350 mm |
| Ground Clearance | 157 mm  |
| Turning Radius   | 1350 mm |

### Brakes

|                    |                                                      |
|--------------------|------------------------------------------------------|
| Braking System     | Combined Braking System (CBS) & Regenerative Braking |
| Brake Type (Front) | Drum brake 130 mm                                    |
| Brake Type (Rear)  | Drum brake 130 mm                                    |

### Weight

|             |         |
|-------------|---------|
| Kerb Weight | 107 kgs |
| Payload     | 180 kgs |
| GVW         | 290 kgs |

### Transmission

|                    |           |
|--------------------|-----------|
| Transmission Type  | Hub motor |
| Transmission Ratio | 1:1       |

### Tyre and Wheels

|                    |                            |
|--------------------|----------------------------|
| Wheel Type         | Steel Wheels               |
| Wheel Size (Front) | 12" x 2.15"                |
| Wheel Size (Rear)  | 12" x 2.15"                |
| Tyre Size (Front)  | 90/90-12<br>Tubeless tyres |
| Tyre Size (Rear)   | 90/90-12<br>Tubeless tyres |

### Motor

|                         |        |
|-------------------------|--------|
| Motor Type              | BLDC   |
| Rated Motor Power       | 1.5 kW |
| Peak Power              | 2.5 kW |
| Peak Torque             | 120 Nm |
| Water & Dust Resistance | IP67   |

### Charger

|                     |                 |
|---------------------|-----------------|
| Type                | Smart           |
| Charging Profile    | CC/CV           |
| Charging Time       | 5 hrs (0-100%)* |
| Full Charge Voltage | 69V             |

\*Fast Charging option available.



E-Bike assembly line



All weather testing



Outer cover assembly



\*Creative Representation Only

Additional Storage



MotoVolt App  
Connected

Front LED  
Indicators



Detachable  
Dual Battery



Rear LED Indicators



Control Panel



Side Stand Sensor



Back Storage Space



Introducing



Across India approximately 20 million motorcycles and scooters are sold every year.

Scooters are for short distances and social commutes.

Motorcycles for heavy cargo and long distances.

“We at MOTOVOLT dreamt of giving India the best of both worlds - a cargo scooter with the functionality of a motorcycle and the style factor of a family scooter.”

After years of R&D, design innovations and breakthrough engineering, it's here!

The all new M7 – India's first Multi Utility eScooter (MUSE).

The amazing M7 is engineered in India, and empowered by German technology.

It's a stylish family commute + earns a livelihood with ease.

# The M7 Design

Versatility that Redefines Commute

## Unique minimalistic design

- Modular features
- Rear portion intelligently designed for ease of travel and carrying load
- Robust exposed frame
- Flexible battery options  
(Double for M7 and Single for M7 L)

## Sustainable Engineering

- Minimum use of plastic
- Optimal combination of metal and plastic - lightweight, efficient and sturdier



LED Headlight



Telescopic Front Suspension



Loaded Hydraulic Rear Suspension



Multifunctional LED Display





Go to work  
or go on a trip!



India's First  
**MUSE**  
Multi Utility eScooter

↔ Easy switch from  
Cargo to Saddle  
to Cargo

☑ Suitable for both  
personal mobility  
and carrying goods

🔧 Modular design  
with multiple  
accessories

📦 Carries up  
to 180 kgs\*



T&C Apply

\*Creative Representation Only

Motovolt M7 is available in 6 colours:  
White Dove, Lightening Grey, Galaxy Red, Canary Yellow, Blue Jay, Puma Black.

● Canary Yellow      ● Blue Jay      ● Puma Black



M7 Lite is also available in all 6 colours.



Pick the colour you love!

○ Dove White

● Lightening Grey

● Galaxy Red

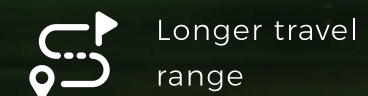


## Customise it Your Way!

- 15+ different accessories for variety of usage purposes
- Interchangeable space between cargo and saddle
- Transforms easily from commute to cargo within minutes



## Ride Non-Stop! Higher Vehicle Uptime with Lowest Cost of Ownership



Longer travel range



Easy spares availability



Charge anytime, anywhere



Large network of service points



Low failure rate due to high component quality

\*Creative Representation Only



## M7 Accessories



Delivery Box Model - A



Delivery Box Model - B



Side Bag Square Black



Trapezoidal Bag



Cubicle Bag



Large Side Bag



Cargo Box Platform



Big Carrier



Large Carrier with Side Support

## Power Up Your Journey, Your Way!



Comes with a safety lock



3 year/30,000 kms warranty whichever is earlier\*



High temperature resistance



IP67 tested rain /dust resistant



Synced to Motovolt app



5 hours to full charge (0-100%)\*



## Charge anytime, anywhere!



Home



Outdoor

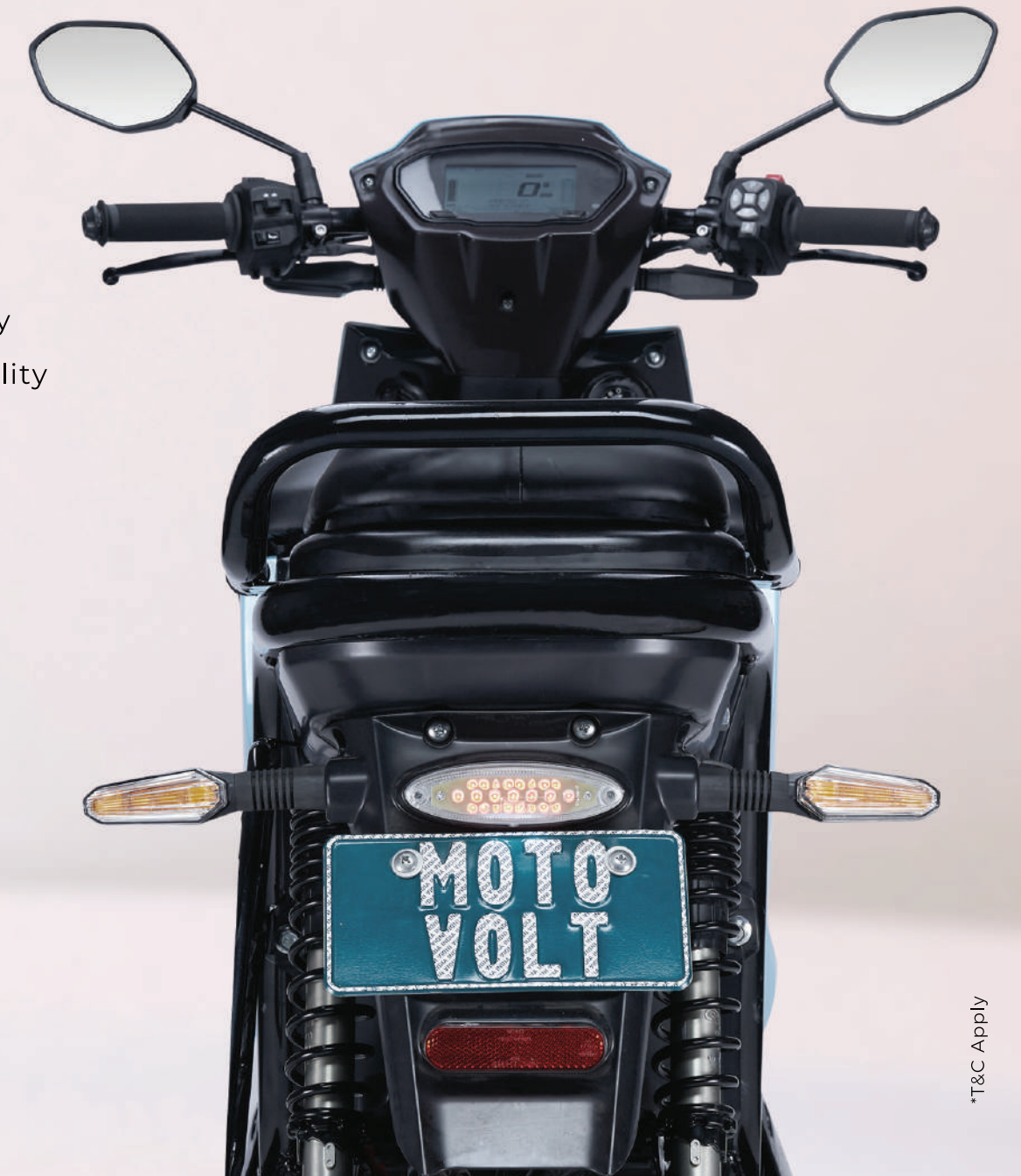


Office

## Ride with Pride!

High-quality automotive grade components





- Components sourced from Tier 1 suppliers
- Made in India with German technology
- Longer wheelbase of 1350mm\* which allows more space
- Vehicle's low centre of gravity provides enhanced ride stability on Indian Roads



# Cruise Carefree!

Advanced Telematics -  
Connected on and Beyond the Road!

M7 offers advanced telematics to offer an elevated riding experience. Riders can now download the Motovolt mobile application to enjoy a host of unique features -

-  Determine the location
-  Ride History
-  Receive over-the-air updates
-  Track performance and system health
-  Predictive analytics
-  Service reminders
-  Enterprise fleet management software for B2B



Download the app on:



Heavy duty 3kwh Detachable and Portable  
Dual Battery with 1000+ charge cycles

- Advanced LFP cell chemistry
- Aluminium casing
- AIS 156 compliant (IP67) battery - fire and waterproof
- In-house design and packaging
- Easy to carry and charge anywhere
- Range per charge: 166 kms\* in Eco mode (ARAI certified)
- Range Extension for unrestricted movement
- M7 L comes with single battery option with a provision to upgrade to double battery



\*T&C Apply

## Ride with Comfort!

Ergonomically designed seats

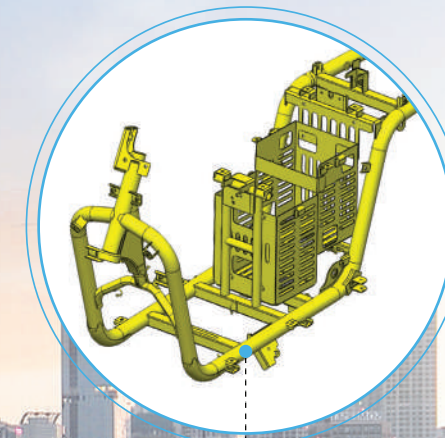
- Wider seat for Superior Comfort
- Separate Pillion Seat
- Easy to travel long distance



## Ride with Strength!

Double cradle heavy duty mild steel frame

- Mild steel frame for more stability and durability
- No frills only strength
- Payload capacity: 180 kgs\*



\*Creative Representation Only