

# CRUISING AT ITS *Super* PUREST METEOR 650



**ROYAL ENFIELD**

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The Super Meteor 650 is the definitive cruiser, engineered using sixty years of cruising experience. Unlike other machines, it doesn't lug around a load of unusable features. It brings with it only what the open road calls for: A proven 648CC parallel twin engine. An ultra-comfortable riding stance. And dollops of torque. It's a motorcycle that has been built on one fundamental belief: that the greatest journeys cannot be limited to hours or kilometres.



# 650CC PARALLEL TWIN

648CC. 47PS of Power. 52.3 Nm of torque.

At the core of the Super Meteor 650 is our iconic parallel twin engine, which offers seamless gear transitions, strong low-end acceleration and an effortless throttle response.

A new cylinder head mount gives high torsional stiffness, making your riding experience smooth, steady and responsive, at both low and high speeds.



# CHASSIS

The Super Meteor 650 sits on an all-new frame that's been sculpted around its twin engine, ensuring nimbleness and ease of handling while adding to its quintessential cruiser form. A tubular spine frame, relaxed riding stance and low center of gravity give you every bit of the solidity and stability you need, whether you're cruising down the highway or navigating a busy street.



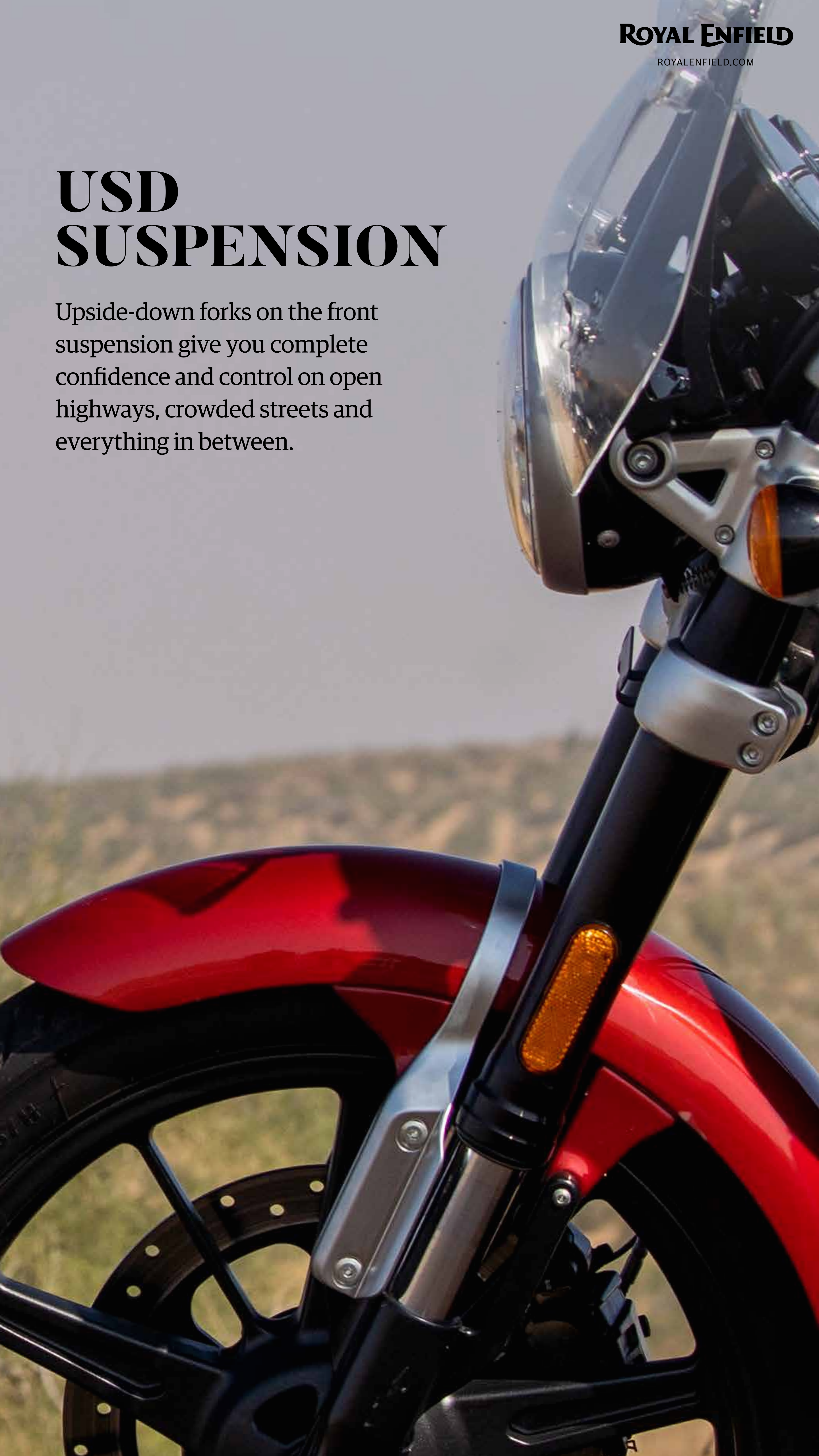
# LED HEADLAMPS

An all-new headlamp combines old-school aesthetics with modern LED lights to reduce power usage while increasing visibility, no matter where you're headed.



# USD SUSPENSION

Upside-down forks on the front suspension give you complete confidence and control on open highways, crowded streets and everything in between.



# LOW SLUNG SEAT

A low-set, wide seat and a laid back riding stance make cruising a comfortable experience, no matter how many kilometers are behind you and how many lie ahead.



# SCULPTED FUEL TANK

The spacious, teardrop tank on the Super Meteor 650 can carry up to 15.7 liters of fuel, ensuring that even the longest of rides continues uninterrupted.





*Super*  
**METEOR 650**  
TOURER



Celestial Red



Celestial Blue

# Super METEOR 650



Interstellar Green



Astral Green



Astral Black

# SPECIFICATIONS

## ENGINE

|                   |   |
|-------------------|---|
| Type              | Parallel twin, 4 stroke, SOHC, Air-Oil Cooled |
| Bore x Stroke     | 78 mm x 67.8 mm                               |
| Displacement      | 648 cc  |
| Compression Ratio | 9.5:1   |
| Maximum Power     | 34.6 kW (47PS) @7250 rpm                      |
| Maximum Torque    | 52.3 Nm @5650 rpm                             |
| Ignition System   | Electronic Fuel Injection(EFI)                |
| Clutch            | Wet, multi-plate                              |
| Gearbox           | 6 Speed constant mesh                         |
| Air Cleaner       | Paper element                                 |
| Engine Start      | Electric                                      |

## CHASSIS & SUSPENSION

|                  |  |
|------------------|--|
| Type             | Steel Tubular Spine Frame                      |
| Front Suspension | 43mm Upside Down Telescopic Fork, 120mm travel |
| Rear Suspension  | Twin Shocks, 101mm travel, preload adjustable  |

## DIMENSIONS

|                            |                              |
|----------------------------|------------------------------|
| Wheelbase                  | 1500 mm                      |
| Ground Clearance           | 135 mm                       |
| Length                     | 2260 mm                      |
| Width                      | 890 mm (without mirrors)     |
| Height                     | 1155 mm                      |
| Seat Height                | 740 mm                       |
| Kerb Weight (without fuel) | 241 kg (with 90% fuel & oil) |
| Fuel Capacity              | 15.7 litres                  |

## BRAKES & TYRES

|              |  |
|--------------|--|
| Tyres Front  | 100/90 - 19 M/C 57H (Tubeless Type)      |
| Tyres Rear   | 150/80 B16 M/C 71H (Tubeless Type)       |
| Brakes Front | 320mm disc, twin piston floating caliper |
| Brakes Rear  | 300mm disc, twin piston floating caliper |
| ABS          | Dual Channel                             |

# Super METEOR 650



Some of the components and accessories featured in the photographs may not be a part of the standard fitment and applicable for all markets. For any queries, email us at [support@royalenfield.com](mailto:support@royalenfield.com)



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