

# CRUISING AT ITS *Super* PUREST **METEOR 650**



**ROYAL ENFIELD**

ROYALENFIELD.COM

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.



# DIGI-ANALOG INSTRUMENT CLUSTER

A retro-inspired, digi-analog instrument panel with a floating LCD screen and built-in Tripper navigation delivers all the information you need, day or night.



# ROYAL ENFIELD WINGMAN

## Cruise smarter, cruise smoother.

Introducing Royal Enfield Wingman, an all-new feature that keeps you up to speed and in the know about your Super Meteor 650, whether you're right next to it or kilometres away.

Get real-time data on everything from ride summaries to service reminders, delivered right to your phone.



### TRIP SUMMARY

Get automatic ride updates and detailed data about your riding patterns, all with a single click.



### GRID SUPPORT

Go anywhere without a worry thanks to proactive support from the GRID team, RSA and Royal Enfield Service Stations.



### VEHICLE ALERT

Stay informed with real-time alerts on your motorcycle's fuel status, battery health and more.



### LIVE TRACKING

Get live updates on your motorcycle's location, no matter where you are.



### LAST PARKED

Never forget where you parked thanks to Google Maps navigation support.

*Super*  
METEOR 650

**YOU'LL NEVER  
RIDE ALONE**

[LEARN MORE](#)



# *Super* METEOR 650



Astral Green



Astral Black



Astral Blue

# *Super* METEOR 650



Interstellar Grey



Interstellar Green

*Super*  
**METEOR 650**  
TOURER



Celestial Red



Celestial Blue

# 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

# MAKE IT YOURS

Choose the way you cruise by personalizing and customizing your Super Meteor 650 using MiY.

**PERSONALISE  
YOUR SUPER  
METEOR 650  
YOUR WAY.  
FROM DAY 1.**

**MiY**  
MAKE IT YOURS

[Know more](#)



# MACHINE LOVE



## SERVICE COST CALCULATOR

Plan ahead. Get the estimated service cost for your motorcycle before you book the appointment.



## ROADSIDE ASSISTANCE

Get peace of mind wherever you're headed with on-site support for your motorcycle.



## SPARES, ESSENTIALS, OILS & LUBES

Choose from our widely available range of Royal Enfield Spare Parts, Essentials, Oils, and Lubes, and keep your motorcycle riding at its best.



## EXTENDED WARRANTY

Avail up to two additional years of complete coverage on all repairs, replacements and maintenance.



## SERVICE BOOKING ON ROYAL ENFIELD APP

Book your motorcycle service appointment anytime, anywhere via the Royal Enfield app.



## LABOUR ANNUAL MAINTENANCE CONTRACT

In addition to having all your labour costs covered as part of your scheduled service, get 10% off on all additional labour costs and 5% off on all spare parts.



# 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, call us at 18002100007 or email us at support@royalenfield.com



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