

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 lots of torque. It's a motorcycle that has been built on one fundamental belief: that the greatest journeys cannot be limited to hours or miles.



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.



UPSIDE-DOWN FORKS

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 miles are behind you and how many lie ahead.



SCULPTED FUEL TANK

The spacious, teardrop tank on the Super Meteor 650 can carry up to 4.15 gallons of fuel, to keep you riding for longer.



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.



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	59" (1500 mm)
Ground Clearance	5.3" (135 mm)
Length	88.98" (2260 mm)
Width	35" (890 mm) <i>without mirrors</i>
Height	45.5" (1155 mm)
Seat Height	29.1" (740 mm)
Wet Weight	531.3 lbs (241 kg) <i>with 90% fuel & oil</i>
Fuel Capacity	4.15 gallons (15.7 L)

Brakes & Tires

Tires Front	19" - 100/90 - 19 M/C 57H (Tubeless Type)
Tires Rear	16" - 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, call us at 18002100007 or email us at support@royalenfield.com



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