ROYAL ENFIELD

INTERCEPTOR 650

SPECIFICATIONS



ROYAL ENFIELD

ENGINE

Type Bore Stroke Capacity Compression ratio Max Power Max Torque Idle rpm Starting Air filter element Lubrication

Gear box Fuel supply Cooling

TRANSMISSION

Clutch Primary drive Primary ratio Gear box Gear ratio, 1st 2nd 3rd 4th 5th 6th Secondary drive Secondary ratio

IGNITION SYSTEM

Ignition Ignition advanced Spark plug Spark plug gap Inline twin cylinder, 4 stroke / SOHC 78 mm 67.8 mm 647.95 cc 9.5:1 34.9 kW @ 7250 rpm 52.3 Nm @ 5150 rpm 1200 ± 100 rpm Electric start Paper element Forced lubrication, Wet sump with pump driven oil delivery 6 Speed constant mesh Fuel injection Air cooling

Wet multi plate Gear 2.051:1 6 Speed, Constant mesh 2.615:1 1.813:1 1.429:1 1.190:1 1.040:1 0.962:1 Sprockets and chain (5/8 Pitch) 2.533:1

Digital spark ignition 11.25°BTDC BOSCH UR5CC 0.7 mm to 0.8 mm

CHASSIS AND BRAKES

Frame
Front Brake
Rear Brake
ABS
Tires Front
Rear Tire
Front Suspension
Rear Suspension

DIMESNSIONS WEIGHT

Rake Front wheel rim size (Alloy & Spokes wheel) Rear wheel rim size (Alloy & Spokes wheel) Length Width Height Wheelbase Ground clearance Kerb weight Gross Vehicle Weight Tank capacity

ELECTRICALS

Electrical System Battery Head lamp

Brake/ Tail lamp Turn signal lamp Charger Steel tubular, double cradle frame 320 mm disc, ABS 240 mm disc, ABS Dual channel ABS 100/90-18 M/C 56H 130/70-R18 M/C 63V/130/70-18 M/C 63H Telescopic forks Twin gas charged shock-absorbers with adjustable preload

24 degrees 18 M/C x MT 2.50

18 M/C x MT 3.50

2119 mm 835 mm 1067 mm 1398 mm 174 mm 217 kg (Europe); 218 kg (India) 400 kg 13.7 L

12V - DC 12V - 12 Ah VRLA FPL 1.55 W LED, low beam 12.1 W, high beam + low beam 14.2 W, low beam + high beam + FPL 15.7 W 12 V, P21/5 W (Halogen) 12 V, 10 W USB

COLOURS





Cali green