**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