

# INTERCEPTOR 650

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## SPECIFICATIONS



## ENGINE

Type	Inline twin cylinder, 4 stroke / SOHC
Bore	78 mm
Stroke	67.8 mm
Capacity	647.95 cc
Compression ratio	9.5:1
Max Power	34.9 kW @ 7250 rpm
Max Torque	52.3 Nm @ 5150 rpm
Idle rpm	1200 ± 100 rpm
Starting	Electric start
Air filter element	Paper element
Lubrication	Forced lubrication, Wet sump with pump driven oil delivery
Gear box	6 Speed constant mesh
Fuel supply	Fuel injection
Cooling	Air cooling

## TRANSMISSION

Clutch	Wet multi plate
Primary drive	Gear
Primary ratio	2.051:1
Gear box	6 Speed, Constant mesh
Gear ratio, 1st	2.615:1
2nd	1.813:1
3rd	1.429:1
4th	1.190:1
5th	1.040:1
6th	0.962:1
Secondary drive	Sprockets and chain (5/8 Pitch)
Secondary ratio	2.533:1

## IGNITION SYSTEM

Ignition	Digital spark ignition
Ignition advanced	11.25° BTDC
Spark plug	BOSCH UR5CC
Spark plug gap	0.7 mm to 0.8 mm

## CHASSIS AND BRAKES

Frame	Steel tubular, double cradle frame
Front Brake	320 mm disc, ABS
Rear Brake	240 mm disc, ABS
ABS	Dual channel ABS
Tires Front	100/90-18 M/C 56H
Rear Tire	130/70-R18 M/C 63V/130/70-18 M/C 63H
Front Suspension	Telescopic forks
Rear Suspension	Twin gas charged shock-absorbers with adjustable preload

## DIMESNSIONS WEIGHT

Rake	24 degrees
Front wheel rim size (Alloy & Spokes wheel)	18 M/C x MT 2.50
Rear wheel rim size (Alloy & Spokes wheel)	18 M/C x MT 3.50
Length	2119 mm
Width	835 mm
Height	1067 mm
Wheelbase	1398 mm
Ground clearance	174 mm
Kerb weight	217 kg (Europe); 218 kg (India)
Gross Vehicle Weight	400 kg
Tank capacity	13.7 L

## ELECTRICALS

Electrical System	12V - DC
Battery	12V - 12 Ah VRLA
Head lamp	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
Brake/ Tail lamp	12 V, P21/5 W (Halogen)
Turn signal lamp	12 V, 10 W
Charger	USB

## COLOURS



Mark 2



Canyon Red



Sunset Strip



Black Ray



Barcelona Blue



Blackpearl



Cali green