

BEAR 650

SPECIFICATIONS



ENGINE & TRANSMISSION

Engine Type	Inline twin cylinder, 4 stroke, SOHC
Displacement	648cc
Compression Ratio	9.5:1
Maximum Power	47.4 PS (34.9 kW) @ 7150 rpm
Maximum Torque	56.5 Nm @ 5150 rpm
Idle RPM	1200 ± 100 rpm
Ignition	Digital spark ignition
Lubrication	Forced lubrication, Wetsump with pump driven oil delivery
Engine Oil	10W-50 to API SL (or higher) JASO MA2, (Fully synthetic)
Clutch	Wet multi plate
Gearbox	6 Speed constant mesh
Co2 Emissions	104.53 g/km
Fuel Consumption	4.66l/100Km
Noise Emissions	86 dB(A)@3575rpm (Stationary)

DIMENSIONS & WEIGHTS

Wheelbase	1460 mm
Ground Clearance	184 mm
Length	2216 mm
Width	855 mm
Height	1160 mm
Seat Height	830 mm
Gross Vehicle Weight	400 kg
Kerb Weight (90% Fuel + Oil)	214 kg
Fuel Tank Capacity	13.7 L

BRAKES & TYRES

Brake System	Dual Channel ABS, Switchable
Front	320 mm disc, ABS
Rear	270 mm disc, ABS
Front Tyre (Spoked Wheel)	100/90-19 M/C 57H MRF NYLOREX-F
Rear Front Tyre (Spoked Wheel)	140/80R17 M/C 69H MRF NYLOREX-X

CHASSIS & SUSPENSION

Frame	Steel tubular, double cradle frame
Front Suspension	Upside down telescopic fork 43mm
Front Wheel Travel	130 mm
Rear Suspension	Twin Shock
Rear Wheel Travel	115 mm

ELECTRICALS

System	12V DC
Battery	12 V, 12 Ah VRLA
Headlamp	LED Headlamp
Tail Lamp & Brake Lamp	LED
License Plate Illuminator	LED
Turn Signals	LED - Front & Rear
Instrument Cluster	Tripper Dash - 4 Inch round TFT Display with phone connectivity, Full Map Navigation (Powered by Google Maps), Media Controls
Charger Port	USB 2.0 Type C 5 V 2 A output

COLOURS



Petrol Green



Golden Shadow



Two Four Nine

