

BEAR 650

SPECIFICATIONS



ENGINE & TRANSMISSION

Engine Type	Inline twin cylinder, 4 stroke, SOHC
Displacement	648cc
Compression ratio	9.5:1
Max power	47.4 PS (34.9 kW) @ 7150 rpm
Max torque	56.5 Nm @ 5150 rpm
Idle RPM	1200 ± 100 rpm
Ignition	Digital spark ignition
Lubrication	Forced lubrication, Wet sump with pump driven oil delivery
Engine Oil	10W-50 to API SL (or higher) JASO MA2, (Fully synthetic)
Clutch	Wet multi plate
Gear box	6 Speed constant mesh
Co2 Emissions	99 g/km
Fuel Consumption	4.66l/100Km
Noise Emissions	86 dB(A)@3575rpm (Stationary)

DIMENSIONS & WEIGHTS

Wheel Base	1460 mm
Ground Clearance	184 mm
Length	2216 mm
Width	855 mm
Height	1160 mm
Seat Height	830 mm
Kerb Weight (90% Fuel and oil)	214 kg
Gross vehicle weight	400 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	130mm
Rear Suspension	Twin shock
Rear wheel travel	115mm

ELECTRICALS

System	12V - DC
Battery	12V - 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

