

VULCAN S



SPECS

POWER

| | |
|-------------------------|---|
| Maximum Power | 45.0 kW {61 PS} / 7,500 rpm |
| Maximum Torque | 63.0 Nm {6.4 kgfm} / 6,600 rpm |
| Engine | 4-stroke Parallel Twin |
| Displacement | 649 cc |
| Bore x Stroke | 83.0 x 60.0 mm |
| Compression Ratio | 10.8:1 |
| Valve System | DOHC, 8 valves |
| Fuel System | Fuel injection: \varnothing 38 mm x 2 with dual throttle valves |
| Ignition | Digital |
| Starting | Electric |
| Cooling | Liquid-cooled |
| Lubrication | Forced lubrication, semi-dry sump |
| Transmission | 6-speed, return |
| Primary Reduction Ratio | 2.095 (88/42) |
| Gear Ratio: 1st | 2.438 (39/16) |
| Gear Ratio: 2nd | 1.714 (36/21) |
| Gear Ratio: 3rd | 1.333 (32/24) |
| Gear Ratio: 4th | 1.111 (30/27) |
| Gear Ratio: 5th | 0.966 (28/29) |
| Gear Ratio: 6th | 0.852 (23/27) |
| Final Reduction Ratio | 3.067 (46/15) |
| Clutch | Wet multi-disc, manual |
| Final Drive | Chain |

PERFORMANCE

| | |
|----------------------|---|
| Frame | Perimeter, high-tensile steel |
| Front Suspension | \varnothing 41 mm telescopic fork |
| Rear Suspension | Offset laydown single-shock, linkage-equipped, with adjustable spring preload |
| Front Wheel Travel | 130 mm |
| Rear Wheel Travel | 80 mm |
| Rake | 31.0° |
| Trail | 120 mm |
| Steering Angle (L/R) | 35° / 35° |
| Front Tyre | 120/70R18M/C 59H |
| Rear Tyre | 160/60R17M/C 69H |

| | |
|-----------------|---------------|
| Front Brake/s | ø300 mm disc |
| Front Caliper/s | Dual-piston |
| Rear Brake | ø250 mm disc |
| Rear Caliper | Single-piston |

DETAILS

| | |
|------------------------|------------------------|
| Dimensions (LxWxH) | 2,310 x 880 x 1,100 mm |
| Wheelbase | 1,575 mm |
| Road Clearance | 130 mm |
| Seat Height | 705 mm |
| Curb Weight* | 226 kg |
| Estimated Dry Weight** | 212 kg |
| Fuel Capacity | 14 litres |
| Model Code | EN650DSFNN |

TECHNOLOGY



ABS (Anti-lock Brake System)



Dual Throttle Valves



Economical Riding Indicator



ERGO-FIT