Kawasaki
Let the Good Times Roll

VULCAN S



SPECS

POWER

Maximum Power	35.0 kW {48 PS} / 6,600 rpm
Maximum Torque	53.0 Nm {5.4 kgfm} / 5,600 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: ø38 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	ø41 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	EN650DTFNW

TECHNOLOGY



ABS (Anti-lock Brake System)



Dual Throttle Valves



Economical Riding Indicator



ERGO-FIT