



WILDFIRE CHASSIS SPECIFICATIONS POLARIS RANGER 6X6

ENGINE

Engine Type	Twin Clinder, 4 - Stroke
Displacement	760 cc, HO
Lubrication	Pressurized Wet Sump
Cooling Syatem	Liquid - Cooled
Starting	Eletric
Exhaust	Canister Style

DIMENSIONS & CAPACITIES

Wheelbase	Approx. 105"
Length/Width/Height	168/63/76 in.
Ground Clearance	12 in.
Dry Vehilce Weight	2500 Lbs
Wet Vehicle Weight	3750 Lbs
Gross Vehicle Weight	4200 Lbs
Top Speed	50 MPH
Hitch Towing Capacity	2000 Lbs

FUEL

Fuel System	EFI
Fuel Tank	9.0 gal/34.1 ltr
Fuel Delivery	Electronic Fuel Pump
Fuel Type	Gas 87 Octane or 89 Oxygenated

ELECTRICAL

Alternator	500 Watts
Battery	12 Volt - 30 Amp
Headlight	50 w Quartz - Halogen
Brake Light/Tail Light	STD/STD
DC Outlet	Dash Receptacle

DRIVETRAIN

Transmission	Auto- PVT Variable Tranmission H,L,N,R
Drive System	On-Demand True 6 WD/Mid Diff. Lock
Final Drive	Shaft

STREERING & SUSPENSION

Power Steering	Polaris Model Electronic Controlled
Front Suspension	Dual A-Arm w 9.6 in. Travel
Rear Suspension	4-Wheel Dual A-Arm, IRS 9 in. Travel

BRAKES & TIRES

Brakes - Front/Rear	Hydraulic Disc w/ Dual -Bore Front Calipers
Parking Brake	Hand - Actuated, Dash Mounted Lever
Front Tire Size	25x10x12 Off-Road Tire on Painted Steel Rims
Rear Tire Size	25x11x12 Off-Road Tire on Painted Steel Rims

WILDFIRE TESTING RESULTS

Transportation Research Center East Liberty, OH

Tested September 8-9 , 2008

TILT TABLE

Left	30.7°
Right	34.4°

BRAKING

	20 MPH	30 MPH
Skid Pad	25.1 feet	47.1 feet
Gravel	23.2 feet	58.2 feet

SLOPE CLIMBING

% Slope	Deg. Slope	Forward	Reverse	Stop, Shut down, Descend
40%	21.8°	Yes	Yes	Yes
50%	26.6°	Yes	Yes	Yes
60%	31.0°	Yes	Yes	Yes



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