



Roush Industries
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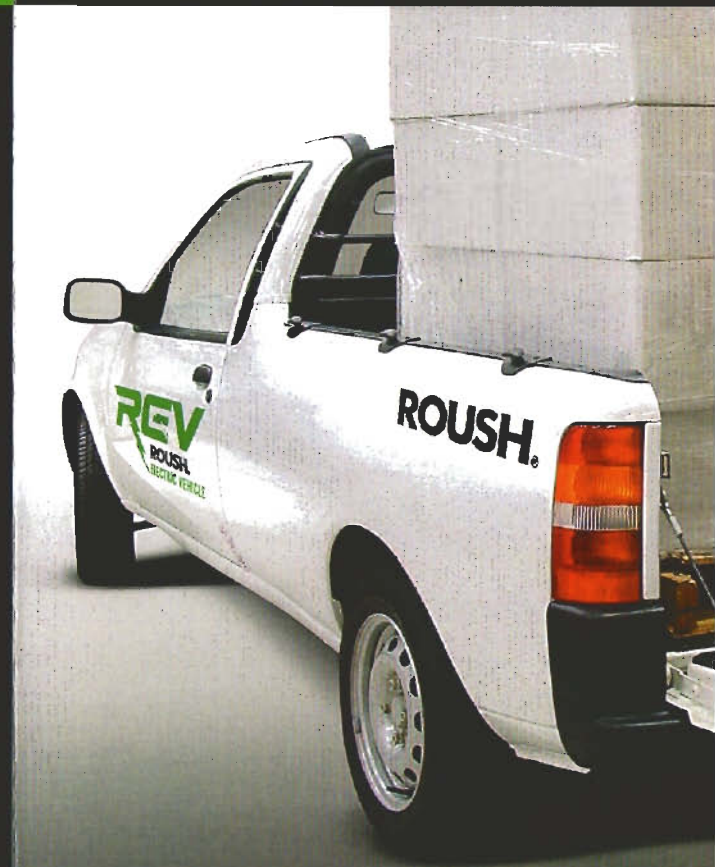
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*Rugged, comfortable and
purely electric . . .*

The Roush Electric Utility Vehicle provides a rugged, comfortable and clean solution for off-road, limited mileage environments ranging from campuses and parks to self-contained communities and large commercial developments. This comfortable, durable vehicle has significantly lower running costs than gas-powered alternatives, offers far greater utility and durability than current offerings.

For 30 years, the name Roush has been synonymous with advanced vehicle development. Our scope continues to expand, but our focus remains the same: an unwavering commitment to delivering superior reliability and power; to making cars look better, last longer and, above all else, outperform the competition.



. . . clearly in a class by itself.

ROUSH®

www.roushev.com
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ROUSH®

WARNING: OFF-ROAD USE ONLY

This vehicle is not intended for on-road use.
This vehicle does not meet US DOT regulations
for on-road vehicles.



ROUSH®

FEATURES AND SPECIFICATIONS

Standard Vehicle Features

- Two adjustable cloth seats
- Self-cancelling turn signals
- Multi-speed windshield wipers
- Headlights
- Reverse lights
- Emergency flashers
- Speedometer
- Odometer
- Cabin heating with multi-speed blower and 3-position venting
- 3-point safety belts
- Four-wheel hydraulic brake system
- DC to DC converter for 12-volt accessories
- 5.5" x 14" wheels
- 175/70 R14 Tires
- Protective Poly-Bedliner
- Rear window protection bars
- Cargo hooks
- Air conditioning (optional)



Technical Specifications

Electric Drive

- Front-wheel drive
- AC drive system
- 7.5 kilowatt (10 hp) continuous, 22.4 kw (30 hp) peak power
- 135 Nm (100 ft-lb) torque
- Electronic controller
 - Regenerative braking
 - Over-speed control
 - Hill-hold feature
 - System diagnostics

Energy Storage

- Sealed maintenance-free 72-volt DC battery pack using VRLA technology (Sonnenschein Dryfit 6V 180 VP)
- 12 6-volt battery modules
- Battery weight: 32 kg (70.5 lbs) each
- Battery pack located in covered space behind passenger compartment

Vehicle

- Curb Weight – 1290 kg (2840 lbs)
- Weight distribution – 47% front / 53% rear
- Gross Vehicle Weight Rating (GVWR) – 1800 kg (3,957 lbs)
- Payload – 510 kg (1120 lbs)
- Dimensions:
 - Wheelbase: 380 cm (111 inches)
 - Length: 446 cm (175.5 inches)
 - Width: 180 cm (70.8 inches)
 - Height: 147 cm (57.9 inches)
 - Ground Clearance: 21.6 cm (8.5 inches)

Performance

- Range: Up to 72 km (45 miles) on a full charge
- Speed: Electronically controlled to 40 kph (25 mph)
- Charging: Two off-board charging options
 - Level III – Fast Charger
 - 20% to 80% charge – less than 1 hour
 - 80% to 100% charge – approximately 2 hours
 - Level II – Overnight Charger
 - 20% to 80% charge – approximately 3 hours
 - 80% to 100% charge – approximately 3 hours

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