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New for 1999, the Ranger Electric Vehicle Nickel-Metal Hydride

ENVIRONMENTAL UNIT
PACIFIC AREA

Dependable and Reliable - "Built Ford Tough"

The nickel-metal hydride (NiMH) Ranger EV is a practical, robust, light duty pick-up that balances performance, reliability and energy efficiency. Since the NiMH battery pack is lighter than the lead-acid version, the NiMH pick-up can carry an improved payload (up to 1,250lbs). Rear-wheel drive along with a rigid frame and suspension provide "Ford Tough" durability. With an attractive lease rate and a driving range of 65-85 miles, the NiMH Ranger EV can tackle a variety of real-world fleet applications.

Key Specifications

- Styleside Regular Cab 4x2 (112" wheelbase, 6' box)
- 90 horsepower; 140ft./lbs. Torque
- High-efficiency 3-phase AC electric motor/single speed transaxle
- 25 NiMH 12-volt modules; 300 volt system
- Range: 100 miles - estimated Federal Urban Driving Schedule (FUDS)*
- Energy Capacity Rating (FUDS): 28 KWH (25 KWH at 90% discharge)
- Payload: 1,250 lbs. (GVW: 5,350 lbs.)
- Zero-Emission Vehicle (ZEV) Certification - can be operated indoors as well as outdoors



Driving Range and Charging

The NiMH Ranger EV achieved a FUDS range of 100 miles @ 70° F w/o use of heater or air conditioning. The "Real World" range is approximately 65-85 miles, depending on climate and driving conditions. This range can decrease to 45 miles @ 45° F with full operation of the heater.

The vehicle can be fully charged in 6 to 8 hours depending on the ambient temperature; however, the use of opportunity charging during the day can significantly increase the range and use of the vehicle. Opportunity charging means keeping your Ranger EV "on plug" - charging whenever it's not in use. This type of charging will not harm the batteries. In fact, Ford recommends that the vehicle always be put on charge when not in use. This procedure will protect and extend battery life.

Charging is accomplished using safe and economical conductive charging infrastructure. The Power Control Station (PCS)¹ used with conductive charging is a separate piece of equipment necessary to charge the vehicle. It provides the link between the stationary electric power source and your Ranger EV. The PCS controls the power to the on-board vehicle charger and must be wired directly to a 208-240 volt, 32 amp continuous electric service source. Ford has elected to use conductive charging equipment because it is significantly less costly to purchase than the competing inductive charging equipment. Both conductive and inductive charging comply with SAE safety standards.

¹ The PCS and its installation are not included in the lease rate for the Ranger EV and must be individually contracted for by the vehicle customer. (The PCS may be included with the vehicle in a lease.) For a list of approved distributors for this equipment, please contact your Ford EV Dealer or call 1-800-ALT-FUEL

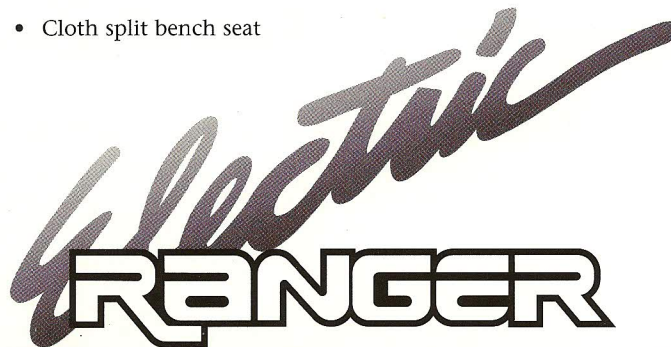
* NiMH Ranger EV FUDS testing to be completed in August, 1998



ALTERNATIVE FUEL VEHICLES

Best-In-Class Features

- Two driving modes: light regenerative braking (D) and moderate regenerative braking (E)
- Top speed of 75 MPH (governed)
- 0-50 mph in 12.5 seconds
- Robust rear-wheel drive; heavy duty frame and suspension
- Electrohydraulic power steering
- Second-generation dual air bags, passenger-side air bag deactivation switch
- Ground clearance of 7.4 inches and turning radius of 24 feet
- 4-wheel anti-lock brakes and low rolling resistance tires
- Light weight aluminum wheels
- Same 3-year/36,000 mile new vehicle warranty (vehicle and batteries) as the gasoline-powered Ranger
- Air conditioning
- AM/FM radio
- Spare tire and jack (optional)
- Eight exterior paint colors available
- Cloth split bench seat



For more information on the 1999 Ranger EV, contact the Ford EV Dealer nearest you.

The 1999 NiMH Ranger EV is supported by a network of ten Ford Certified EV Dealers in California.

Contact your authorized Ford EV Dealer to arrange a Ranger EV demonstration for actual evaluation in your fleet applications. Your EV Dealer, or California EV Sales Specialist Ken Stwertnik, would be happy to discuss your particular fleet needs so that a complete evaluation can be made. We can also provide complete leasing information, as well as information on purchasing and installing Power Control Stations at your facility.

Dealership	Contact	Phone	Fax
Family Ford of Montebello	Ken Kelner	(213) 268-0101	(213) 838-6915
Fritts Ford	H.L. "Fletch" Fletcher	(909) 353-8800	(909) 354-8482
Hansel Ford	Joe Gazdowicz	(707) 543-0857	(707) 523-2321
Lithia Sun Valley Ford	Gary Billingsley	(925) 686-3325 ext.387	(925) 682-5485
Mission Valley Ford	Ernie Speno	(408) 436-2920	(408) 436-0313
Pearson Ford	Steven Bimson	(619) 283-7181	(619) 521-2424
S&C Ford	Frank Ginotti	(415) 431-8100	(415) 255-1962
Senator Ford	Ray Roy	(916) 391-3000	(916) 391-7026
Villa Ford	Jim Ryback	(714) 282-5315	(714) 974-9816
Wondries Ford	Clark Cooper	(626) 457-5590	(626) 457-5593

Or contact Ken Stwertnik, Ford California EV Sales Specialist - (714) 572-8856

www.fleet.ford.com

1-800-ALT-FUEL



ALTERNATIVE FUEL VEHICLES

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