

2023 FireFly ESV Specifications

MOTOR	FEATURES
65 HP (48 kW) AC Induction (Rated) @ 107 ft. lbs. torque > Output optimized at 43 HP & 74 ft. lbs. for reliability and range	Heavy Duty steel body-on-frame construction Integrated passenger safety cell Tough, dent & ding resistant textured ABS body panels Extra-low step-in height of less than 10 in (25 cm) > Maximizes operator comfort and minimizes fatigue Tubular steel front and rear bumpers High-visibility, tinted, haze/scratch/impact-resistant polycarbonate windows Dual outside and inside mirrors 3-Speed intermittent windshield wiper system with washer Tilt-column steering wheel with center horn button 3-Point seat belt system Full-width tinted shade band on windshield Dome light and backlit controls for nighttime use Easily removable and replaceable heavy-duty floor mat Recessed dashboard with integrated cupholders, radio openings, and pockets Pre-wired with integrated speaker mounts for optional radio AM/FM/MP3 player 12V DC and USB accessory ports for phone, GPS, or other user accessories Up to four additional 12V DC or USB accessory ports Wiring packages and factory installation of equipment such as ALPR, Light Bars, Warning Lights, etc. Integrated rails in bed floor to secure cargo and mount for optional accessories Deluxe bed with tri-fold, locking, and stowable bed cover Dual Mode Display > Gauge pod display of operational information and on-board parameters > Provides estimated miles remaining, battery charge level, efficiency meter, odometer, vehicle warnings, etc.
TRACTION BATTERY PACK	
102 V (nominal) - Safe 23.6 kWh Lithium Iron Phosphate design	
SPEED & RANGE	
Electronically Governed, capable of speeds exceeding 50 MPH 100+ Miles per charge (under normal operation) Extended Range Mode - regenerative braking & limited acceleration	
TRANSMISSION	
Computer Controlled/Variable Rate Integrated Drive System™ (IDS) > Optimizes vehicle performance for maximum range	
ELECTRICAL SYSTEM	
SAE J1772 3.3kW (Level 2) charger a > Approximately 6 hr. full charge time under normal use (L2) Halogen headlights, with LED stop, tail and turn lamps	
CLIMATE CONTROL	
Heating – Electronic, 3 KW heater/defroster 2.3KW diesel/biodiesel supplemental heater 4000 BTU air conditioning system	
SUSPENSION & STEERING	
DuraSteer™ front suspension > Proprietary massive swingarm design with near vertical steering angle, and coil-over shocks for anti-dive control > Ensures optimal tire contact patch for handling and stability Outside frame mounted heavy-duty rear leaf springs, with coil-over shocks for passive load leveling	
BRAKING & SAFETY	
Tuned dual-circuit master cylinder and disk brakes "Auto-Park" electric parking brake (EPB) with safety interlock Hill Assist feature - minimizes rollback on steep grades Electronic Stability Control System (ESC) with 3-axis accelerometer and Integrated vehicle ride sensors > Automatically adjusts speed & ride for maximum stability	
BODY/FRAME/COLORS	
7" 'C-Channel' style steel body-on-frame construction Welded tubular steel frame with integrated safety cell Textured white ABS outer skin (color molded in) w/UV protection	
SEATS	
Single center seat - Premium high back seats with built-in head rest Tandem seating available - left or right hand drive Seat heaters	
DOORS	
LinearGlyde® door system maintains narrow vehicle profile > Self-cleaning large diameter cushioned rollers > Powder coated steel tubes and four point, load-balanced, crosslinked mechanical design for maximum stability Extra-wide 28 in (71 cm) door openings Horizontal sliding polycarbonate windows with low sill height	
	evTSCONNECT Vehicle Management System > Connected real-time vehicle monitoring to track day-to-day operations of the vehicle > (eDAS) Digital Acquisition System™, performance data logging, remote data access, diagnostics, and alerts Optional Fleet Management System Optional Wi-Fi and 360 degree camera system
	TIRES 175/65-14 all-season radials *snow and ice rated where appropriate
	WEIGHT CAPACITY GVWR – 3,000 lbs. Curb Weight - 2,000 lbs. (base vehicle) Rated Capacity – 1,000 lbs. (incl. driver)
	EXTERIOR DIMENSIONS
	Overall cab height 69 in (175 cm) Overall length 152 in (386 cm) Overall width 54 in (137 cm) Ground clearance 6 in (15 cm) Outside turning radius 122 in (310 cm) Wheelbase 96 in (244 cm) Track 44 in (112 cm) Deluxe Cargo Bed 44 x 51 x 12 in (112 x 130 x 30 cm)

Manufacturer's Warranty - 36 Month or 24,000 mile bumper-to-bumper vehicle warranty

REV FF23042023



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