

ONE OF THE KIND ELECTRIC VEHICLE

FIREFLY[®]ESV
ESSENTIAL SERVICES VEHICLE



*See firefly
in action*



SBA WOSB 100% Electric
Woman Owned Small Business

Tel: (631)-651-5655
Email: SS@AmVetWorks.com



FIREFLY[®]ESV – THE AMAZING POWER OF 3

100% Electric

100% American Made

Only Vehicle of its kind - NIC CODE



BASIC SPECIFICATIONS

- **Chassis:** 3-wheeled, body-on-frame design
- **Speed:** 50+ MPH
- **Range:** 100+ miles per charge
- **Load Capacity:** 1,100 lbs.
- **Power:** 100% Pure ElectricTM
- **Motor:** 47 kW (63 HP) AC induction
- **Battery Pack:** 23.6kW lithium iron phosphate
- **Transmission:** Computer-controlled Integrated Drive SystemTM, optimizes vehicle performance for maximum range & stability control
- **Suspension:** Proprietary DuraSteerTM, with load distribution and anti-dive control
- **Charging Time:** Full charge in 6 hours (L2)

STANDARD FEATURES

- **Integrated steel passenger safety cell**
 - Low maintenance ABS body panels
- **Ergonomic low step-in height doors**
 - With smooth LinearGlydeTM mechanism
 - High-visibility, impact resistant windows
- **Multiple seating/driver configurations**
- **evTSCconnect**
 - Real-time vehicle communications
 - Remote diagnostics, monitoring & control
 - Vehicle and Fleet management system
- **Dual Mode Display**
 - Displays estimated miles remaining & vehicle diagnostic information
- **Electronic Parking brake**
 - With “auto-park” and hill assist



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GOES FARTHER, GETS THERE FASTER CARRIES A BIGGER PAYLOAD



Runs all day without recharging >100 mile Range.



Travels from site to site at speeds exceeding 50 mph



Up to 1,000 lbs payload capacity



Real time vehicle management and remote diagnostics



Light weight, agile and maneuverable in dense urban environments



See firefly in action



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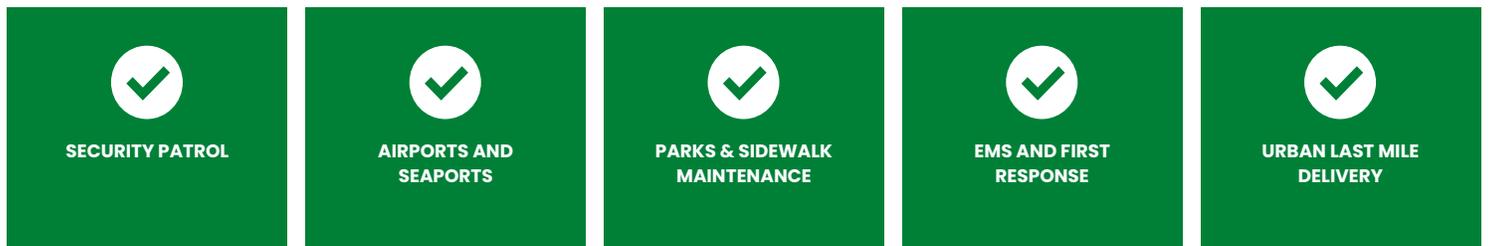
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ENDLESS CONFIGURATION

Purpose built for Essential Services and Urban e-Mobility

- Parking Management & Enforcement
- Refuse & Sanitation
- EMS & First Response
- Airports & Seaports
- Security & Perimeter Patrol
- Parks & Sidewalk Maintenance
- Roadside Assistance
- Property & Building Management
- Last-Mile Urban Parcel Delivery
- Hot & Cold Food Delivery
- University & Municipal Campus
- Utility Meter Reading



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LUNCH AND LEARN AT YOUR FACILITY

Free to Government Facilities:

FireFly would like to spend the afternoon with you regardless of which of the 50 states, your facility is located. Call with your date in mind and Fire Fly will arrange for a demonstration model to be flat bedded to your facility free of charge. FireFly can be configured in all configurations making the vehicle especially interesting to the following departments:

- ✔ Food and Hospitality
- ✔ Parcel Delivery
- ✔ Patrol
- ✔ Parking and VIP transport
- ✔ Hook and Ladder
- ✔ Warehouse
- ✔ Special Event
- ✔ Grounds and Maintenance
- ✔ Ambulette

The iterations for use of the Fire Fly are endless. Therefore, please invite all your staff chiefs and workers to enjoy driving around campus from 0 to 25 MPH and the legally on the road at highway speed of 55 MPH. Enjoy the ease of use as our ergonomic body, multi functional steering and pass through cab. We will bring lunch for all your teams to enjoy lunch for a local favorite restaurant while we discuss the TELEMATICS and safety the computerized oversight provides.

See firefly in action



- 55 MPH Highway legal
- Turns full circle on campus in 8' circle
- 100% American made
- 100% Electric
- Ergonomic non-step up walk-in. Easy parcel removal and (3) position steering for comfort
- 3 Year Warranty and free spare with a Demonstration
- WOSB (use logo) and SDVOB (logo) Partnership for the greater good
- 2023 Federal Mandate Compliant
- 2023 Federal and local Incentive Compliant on www.AmVetWork.com website
- An array of chargers for every application available to our clients with educational assistance
- One on One ZOOM CONFERENCE is available to any facility seeking information with Fire Fly and charging experts.
- Call for your demonstration and lunch: **Merryl at 631-651-5655** or **Sheri at 631-697-0691**



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LUNCH AND LEARN AT YOUR FACILITY

FREE TO GOVERNMENT FACILITIES:

Fire Fly would like to spend an afternoon with you anywhere in the 48 Lower United States*. Call with your date in mind. Our technical team will flatbed a Fire Fly to meet with the staff and chiefs of your facility. All are welcome and we bring lunch too. We suggest employees from; FLEET, MAINTENANCE, GROUNDS, DIPLOMATIC TRANSPORT, PATROL, WAREHOUSE, and HOSPITALITY all be invited to attend. The versatile Fire Fly is of interest to most departments in all facilities. There is no cost, and there will be no sales pitch. We will spend 1-2 hours with your staff taking test runs with the most unique "on campus and off road facility vehicle" in the Unites States.

- 55 MPH street and Highway legal,
- Turns on-campus pathway within 8'
- 100% American Made and 100% Electric
- Three-position steering column
- Ergonomic walk-in, parcel retrieval, and seating for the comfort of the driver
- Telematics and 3-year warranty assist your department to avoid unnecessary maintenance
- WOSB and SDVOB Partner for the greater good
- 2023 Federal Mandates for Electric Vehicles combine Current Incentives to Offset Cost
- Call for Your Ride and Drive and have the number of participants for lunch so we can prepare your special day with the FireFly:
- Call **Merryl** at our NY Office: **631-651-5655** or. **Sheri** at **631-697-0691**



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VEHICLE SPECIFICATIONS

MOTOR

65 HP (48 kW) Rated AC Induction @ 107 ft. lbs. torque **STD**
 > Output optimized at 43 HP & 74 ft. lbs. for reliability and range

BATTERY PACK

102 V (nominal) 23.6 kWh, Safe Lithium Iron Phosphate chemistry **STD**

SPEED & RANGE

Electronically Governed, capable of speeds exceeding 50 MPH **STD**
 100+ Miles per charge (under normal operation)

TRANSMISSION

Computer Controlled Integrated Drive System™ (IDS) **STD**
 > Variable-rate electronic drive system optimizes powertrain for overall durability, top speed and effective range
 Hill Assist feature **STD**
 > Minimizes rollback on steep grades

ELECTRICAL SYSTEM

SAE J1772 3.3 kW (Level 2) charger **STD**
 > Less than 6hr charge time under normal use
 Halogen headlights & LED stop, tail and turn lamps **STD**
 Electronic Stability Control System (ESC) with 3-axis accelerometer and Integrated vehicle ride sensors **STD**
 > Automatically adjusts speed & ride for maximum stability

CLIMATE CONTROL

Heating – Electronic, 3 KW heater/defroster **STD**
 2.3KW diesel/biodiesel supplemental heater **OPT**
 4,000 BTU air conditioning system **OPT**

SUSPENSION & STEERING

DuraSteer™ front suspension **STD**
 > Proprietary load distributing design with , anti-dive control, coil-over shocks and near vertical steering angle
 > Outside frame mounted heavy-duty rear leaf springs with coil-over shocks and passive load leveling

BRAKING

Tuned dual-circuit master cylinder and disk brakes **STD**
 Electric Parking Brake (EPB) **STD**
 "Auto-Park" Parking Brake feature **STD**

BODY/FRAME/COLORS

Heavy duty, 7" 'C-Channel' style, body-on-frame design **STD**
 Welded tubular steel body with integrated safety cell **STD**
 Textured white ABS outer skin (color molded in) w/UV protection **STD**

SEATS

Single Passenger Bucket seating **STD**
 Tandem seating available - left or right-hand drive **OPT**
 Seat heaters **OPT**

DOORS

LinearGlyde® door system maintains narrow vehicle profile **STD**
 > Self-cleaning large diameter cushioned rollers
 > Powder coated steel tubes with four-point, load-balanced, crosslinked mechanical design for maximum stability
 Extra-wide 28 in (71 cm) door openings **STD**
 Low-sill height, horizontal sliding polycarbonate windows **STD**

TIRES

175/65-14 all-season radials **STD**
 *snow and ice rated where appropriate **STD**

WEIGHT CAPACITY

GVWR 3,000 lbs.
 Curb Weight 2,000 lbs.
 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)



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FEATURES AND TECHNOLOGY

Integrated passenger safety cell	STD		
Textured ABS, UV-protected body panels	STD	Dual Mode Dash Display	STD
Extra-low step-in height of less than 10 in (25 cm)	STD	> Gauge pod display of operational information and on-board parameters, etc.	
> Maximizes operator comfort and minimizes fatigue		> Provides estimated miles remaining, battery charge level, odometer, etc.	
Tubular steel front and rear bumpers	STD		
High-visibility, tinted, haze/scratch/impact-resistant polycarbonate windows	STD		
Dual outside and inside mirrors	STD		
3-Speed intermittent windshield wiper system with washer	STD		
Tilt-column steering wheel with center horn button	STD		
3-Point seat belt system	STD		
Full-width shade band on windshield	STD		
Dome light and backlit controls for nighttime use	STD	evTSCONNECT Vehicle Management System	
Easily removable and replaceable heavy-duty floor mat	STD	> Connected real-time vehicle monitoring to track day-to-day operations of the vehicle	STD
Recessed dashboard with integrated cupholders, radio openings, and pockets	STD	> (eDAS) Digital Acquisition System™, performance data logging, remote data access, diagnostics, and alerts	STD
Pre-wired and integrated speaker mounts for optional AM/FM/MP3 player	STD	Optional Fleet Management System	OPT
12V DC/USB accessory port for phone, GPS, or other accessories	STD	Optional Wi-Fi and 360-degree camera system	OPT
Up to four additional 12V DC or USB accessory ports	OPT		
Wiring packages and factory installation of equipment such as ALPR, Light Bars, Warning Lights, etc.	STD		
Integrated rails in bed floor to secure cargo and mount for optional accessories	STD		
Deluxe bed with tri-fold, locking, and stowable bed cover	OPT		



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