



Meet the

ABLE™

ELECTRIC COMMERCIAL UTILITY VEHICLE

Ready for anything from road to dirt, indoors or out, the street-legal E-LSV Tropos Motors™ ABLE™ is a dependable compact utility workhorse. With an on-road payload capacity of up to 1,100 pounds (1500 pounds off-road), and a turning radius of 150 inches (12.5 feet) its tough enough for the big jobs yet small enough to get into tight spaces.

This 10kW ultra-low maintenance truck has an estimated 144 MPGe, up to 4.3 M/KWh. It has a variable range of 40-120 miles, and top speed of 25 mph or 35 mph as defined by local laws, or 40 mph off-road, based on customization.

MORE THAN TOUGH ENOUGH

Manufactured in the United States, the ABLE is built for the long haul and the heavy load.

EV ENGINEERED CHASSIS

Our chassis are specially designed for electric utility vehicles—unlike many other EV manufacturers that use heavy and poorly balanced chassis that were designed for the internal combustion engines. Our computer designed and tested chassis feature a lightweight, modular and well-balanced structure for high performance, efficiency, durability and versatility.

TOWING POWERHOUSE

The ABLE is a towing powerhouse with a towing capacity of up to 2000 pounds. The ABLE's electric drive system, with nearly 1020 NM (752 ft lbs) of rear wheel torque, enables it to pull effortlessly off-the-line. With an ultra linear power delivery the ABLE is perfect for any load, small or large.

PORTABLE POWER

The ABLE performs double duty as a mobile power source for many electric power tools. An accessory AC Power Inverter makes it the perfect power source for any 110v 15 Amp power tool. With the Tropos Motors ABLE you always have a ready supply of power to get the job done.



EASY-SWAP™

The ABLE is designed for utility and versatility and with our unique Easy-Swap bed platform. Easy-Swap is a system that utilizes the flexibility of the ABLE's design, payload & towing capacities, to change the bed package as needed, making the ABLE completely customizable, configurable.

IT'S EASY

With minimal tools—a flathead screwdriver and a 19mm wrench—and basic training, the lightweight bed packages can easily be removed from the truck chassis and swapped as needed.

The ABLE product consists of 4 packages that are Easy-Swappable, and all of our packages are capable of towing.*



Cargo



Trades



Pickup



Sweep

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PACKAGE SPECIFICATIONS | PICKUP PACKAGE

- All aluminum construction
- Three drop down sides
- Corrugated flooring (for strength)
- Easy-Swap compatible

PACKAGE OPTIONS | PICKUP PACKAGE

- Front extra-duty bumper
- Rear extra-duty bumper
- Sliding rear window
- Electric dump bed
- Extended range battery packs
- Extended life and range with lithium battery pack
- Navigation
- Telematics
- Emergency caution light package
- Law enforcement/ Security package
- Front anti-sway bar kit
- Trailer hitch kit (class I)
- Trailer light connector kit
- Heavy duty trailer connector kit
- 110VAC 15A Power Source
- High clearance kit (2+ inch added ground clearance)
- Sprayed on bed liner

INTERIOR FEATURES | PICKUP PACKAGE

- 12-volt Power Outlet
- Dome light
- Overhead console storage
- Rubber floor mat
- AM FM Bluetooth USB stereo
- Hands Free Phone
- Passenger vanity mirror
- Adjustable high-back bucket seats
- Cabin heater
- Ignition key
- Sun visors
- Windshield defroster
- Cup holder
- Back-up camera
- Windshield wiper and washer

EXTERIOR FEATURES | PICKUP PACKAGE

- 14" alloy wheels
- P175/65R14 all season tire
- Folding rear view mirrors
- Front tow hook
- Halogen head lamp
- LED brake, reverse & rear turn
- Central door lock system
- Folding rear view mirrors

SPECIFICATIONS | PICKUP PACKAGE

- May be used on public roads and on closed campuses.
- Dimensions: 146.7 in x 55 in x 75 in
- Payload Capacity: 1100 lbs
- Bed capacity: 31.1 ft²

PERFORMANCE

- Max Speed 2: 25-35 mph based on local laws
- Range: 40+ mph on campus / private roads
- Turning Radius: Up to 50 mi at 25 mph standard
- Gradeability: 157 in
- Acceleration: 30% unloaded and 20% loaded
- Braking Distance: 0-20 mph under 6 s
- 0-30 km/h under 6 s
- 25-0 mph in 25 feet

DRIVE SYSTEM

- Battery Type: Gel Lead Acid (Standard)
- Operating Voltage: 72 VDC
- Motor Nominal Power: 10 kW (13 hp)
- Motor Peak Power: 24 kW (32 hp)
- Rear Wheel Peak Torque: 1020 Nm (752 ft. lbs)

CHASSIS

- Drive: 2WD rear
- Front Suspension: Transverse leaf spring
- Rear Suspension: Torsion-beam suspension
- Brake: Four wheel disc
- Tire: 175/65 R14
- Bodywork: Reinforced ABS
- Steering: Electrical power assist steering

ACCESSORIES | PICKUP PACKAGE

- 110VAC 15A Power Source
- Electric dump bed
- Extended range battery packs
- Extended life and range with lithium battery pack
- Navigation
- Telematics
- Emergency caution light package
- Exterior Work Lights
- Law enforcement/ Security package
- Sliding rear window
- Front extra-duty bumper
- Rear extra-duty bumper
- Extended rear step bumper (+6 inches)
- Front anti-sway bar kit
- Trailer hitch kit (class I)
- Trailer light connector kit
- Heavy duty trailer connector kit
- Additional options available
- High clearance kit (2+ inch added ground clearance)

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*ABLE is not capable of towing while the Sweep package installed, as the tow-hitch area is blocked by the sweep head.