



# 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

## TROPOS MOTORS

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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 ft<sup>2</sup>

## PERFORMANCE

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