



# ABLE™ EMSo

ELECTRIC MEDICAL  
SERVICE VEHICLE,  
OPEN PLATFORM

Built for Tight Spaces  
and Indoor Applications



The the ABLE™ EMSo is designed to carry one patient on a full-size, standard ambulance stretcher, and one EMS attendant with a Kimtek® MEDLITE® Transport (MTSTR-104).

## AN ABLE BASE

The ABLE is an emissions free vehicle, making it safe to operate indoors, and with an ultra tight turning radius of only 12.5 feet, the ABLE is ideal to operate in spaces small or large. This low-cost, 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 25-35 mph on public roads—depended on local laws—and 40 mph on campuses.

## KIMTEK® MEDLITE® TRANSPORT UNIT

The stretcher locks to the bed package in the same way as an ambulance, depending on the specific make and model of the customer-supplied stretcher and lock/release mechanism.\* The adjustable attendant seat may be locked in two different locations on the seat guide rails to accommodate different emergency situations. In rugged terrain redundant securing is available with an additional security strap near the head board and 10 Velcro D loop security straps.

## LOW AND EASY TO LOAD THE PERFECT PAIR

The enclosed cab\*\* has room for two to keep operators and attendants protected from the elements while waiting on the sidelines. Once in action the floor of the bed package of the ABLE EMSo is only 30 inches off the ground, making it easier to lift a loaded stretcher into place. With a step-up bumper, sturdy diamond plate construction, steel hand rails, and extra security straps it is easy to load and transport both attendant and patient.



Lockable storage with fire extinguisher.



Two-position lock guide seat with seatbelt.



Attendant (and patient) stainless steel grab bars (one on each side of vehicle)



Secondary locking security strap.



Step-up bumper.

\* Stretcher not included. The customer is responsible for supplying and installing the correct primary lock/release mechanism specific to the stretcher make and model

\*\* Door-Delete option is also available for the ABLE EMSo.



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## PACKAGE SPECIFICATIONS

Kimtek® MEDLITE® Transport  
Three position jumper seat with seat belt  
Railing stainless grab bars  
Diamond plate flooring  
9 cubic foot lockable storage box  
Sliding rear window  
Extended rear step bumper (+6 inches)  
2 lbs ABC fire extinguisher

## PACKAGE OPTIONS

Front extra-duty bumper  
Extended rear step bumper (+6 inches)  
Extended range battery packs  
Extended life and range with lithium battery pack  
Navigation  
Telematics  
Emergency caution light package  
Siren / PA system  
Exterior Work Lights  
Sliding rear window  
Front anti-sway bar kit  
110VAC 15A Power Source  
High clearance kit (2+ inch added ground clearance)

## INTERIOR FEATURES

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

14" alloy wheels  
P175/65R14 all season tire  
Folding rear view mirrors  
Front tow hook  
Halogen head lamps  
LED brake, reverse & rear turn  
Central door lock system  
Sliding rear window on cab with enhanced rear view mirror

## SPECIFICATIONS

Check local laws for on-road use restrictions.

Dimensions: 155.5in x 53.5 in x 78 in  
Payload Capacity 1: 692 lbs

## 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

110VAC 15A Power Source  
Extended range battery packs  
Extended life and range with lithium battery pack  
Navigation  
Emergency caution light package  
Siren / PA system  
Exterior Work Lights  
Front extra-duty bumper  
Rear extra-duty bumper  
Front anti-sway bar kit  
High clearance kit ( 2+ inch added ground clearance)  
20 lbs fire extinguisher

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