



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

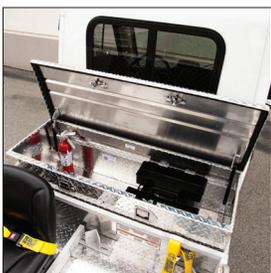
The ABLE is an emissions free vehicle, making it safe to operate indoors, and with an ultra tight turning radius of only 12.5 feet, the ABLE is ideal to operate in spaces small or large. This low-cost, ultra low maintenance truck has an estimated 144 MPGe, up to 4.3 M/Kwh. It has a variable range of 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.



ABLE™ EMSo

ELECTRIC MEDICAL
SERVICE VEHICLE,
OPEN PLATFORM

Built for Tight Spaces
and Indoor Applications

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

©2018 Tropos Motors. All Rights Reserved. Tropos Motors reserves the right to make changes at any time, without prior notice, in prices, colors, materials, equipment, specifications and models, and to discontinue models or equipment. Tropos does not make any warranty or guarantee of any kind, express or implied, regarding the information, including without limitation any warranty regarding its currency, accuracy or completeness or any warranty of merchantability or fitness for particular purpose. All specifications and equipment are subject to change without notice and should not be relied upon. Photographs may not reflect all features accurately, including vehicle version, options and accessories. Availability and delivery times for particular models or equipment may vary. For additional information please contact your Tropos dealer.

TROPOS MOTORS

16260 Church St., Ste 140
Morgan Hill, CA 95037
+1 (408) 571-6104 Office
info@tropostech.com
www.TroposMotors.com

EMSo-180420 Rev. v1.0

