

e-MEDILIFE

MOBILE MEDICAL UNIT



**DRIVING PURPOSE,
TRANSFORMING LIVES**

TECHNICAL SPECIFICATION

VEHICLE DESCRIPTION	e12 MEDICAL MOBILE UNIT
Application	Special Purpose Vehicle
Vehicle Dimensions (L X W X H)	12000 mm X 2590 mm X 3434 mm
Wheel Base	6320 mm
GVW	18600 Kgs
Floor Height	400 mm
Front Axle	Heavy Duty Rigid Axle
Rear Axle	Fully Floating, Single reduction
Suspension	Front & Rear Air Suspension
Brakes	Fully ABS with Front Disc & Rear Drum/ Disc (optional)
Kneeling System	Available
Tyres (Front & Rear)	295/80 R22.5 Radial Tubeless
Structure & Bus Body	Corrosion resistant Monocoque structure with high strength steel, Bus Body as per AIS052
Exterior Panels	Front & Rear FRP; Side panel Aluminium, Stretched steel
Emergency Exits	Yes, As per AIS-052
Passenger doors	Jack-Knife type Automatic doors (front & middle)
Wheel chair ramp	Manual, Pneumatically operated, (optional)
Traction Motor	Permanent magnet synchronous Motor, 250 KW Max. Power
Steering System	Electro Hydraulic Power Steering with Tilt & Telescopic Adjustment
Battery Type	Advanced Li-ion Chemistry
Regenerative Braking System	Yes
Charging System	Plug-in fast charging (CCS-2), On Board charging
HVAC	Yes, Heating (optional)
Fire Extinguisher	Yes as per AIS-052, FDAS in battery compartment
HV Safety	Protection against Surge, Short Circuit & Overload Constant insulation monitoring and Interlock for safety
Retractable Shade to Protect from Extreme Weather Conditions	Yes
Regulated Power Supply for Medical Equipments	Yes
Genset	Honda (Make) ; Petrol (Fuel)
Fuel Tank Capacity	19.2 Liters
Onboard Medical Equipments	Bench Type Centrifuge, Blood Transport Box, ECG Machine, Fibroscan-430, Philips Heartstart XL Defibrillator, Analyzer Hematology/ biochemistry
Furniture & Fittings	Examination Bed with Storage Space & Curtains, Blood sample collection Chair, Medicine Cabinets, LED TV, Flexi Architecture
Comfort & Convenience	Low floor entry & Bus kneeling for easy entry, high performing HVAC, Manual ramp for assisting wheelchair