

**WAS**<sup>®</sup>

MAKING VEHICLES SPECIAL



## Sustainable Rescue Services: **WAS 500 E-Ambulance VSAV.**

**Sustainable. Economical. Safe.**

# WAS 500 E-Ambulance VSAV: E-Mobility in the Rescue Services.



## SHORT DESCRIPTION

E-mobility is becoming established – because it is efficient, powerful and zero emission. It's high time that sustainable drive technology also became established in special and emergency vehicle construction. The innovative WAS 500 electric ambulance combines a proven vehicle concept with a sustainable drive system, based on an Iveco eDaily. The WAS lightweight box construction also pays dividends for the E-Ambulance. It not only saves weight and thus drive power, but also offers custom equipment options depending on the main intended application. The power supply to the medical equipment, including the air conditioning technology and ventilation, is also fully covered by the electric motor. The box body of this emergency ambulance offers maximum safety thanks to the aluminium structural frame and cover layers. The compact patient compartment offers maximum ergonomics and working space. The box body has a large external storage compartment and a wide side hinged door as standard.



Large exterior storage compartment.



## EXTERIOR

Box body made of aluminium and polyurethane sandwich panels, which offer maximum rigidity as well as thermal and acoustic isolation

Side hinged door, with step

Rear double hinged doors, opening 90° and 270°

External storage compartment on the left with LED lighting

Water-repellent outer coating of the box body for less dirt adhesion

Tinted windows in the patient compartment

Rear step made of solid material with reinforcing frame

1 warning bar at the front, 1 warning bar at the rear

Siren with fire brigade horn in accordance with TPSPPO

Additional decals (yellow contour markings, yellow-red retro-reflective front-rear decals) in accordance with Annex 14 Matériels Sapeurs Pompiers

LED work lights (1 x right, 1 x left, 2 x rear)

LED rear lights

## INTERIOR

PVC floor covering and furniture material for optimum cleaning and disinfection

Side storage compartment and roof storage compartment made of PVC

Partition cabinet with large work surface, drawers with removable inserts and storage compartment for doctor's rucksack

Seats with UTAC-approved three-point seat belts and seat recognition

Electrically adjustable Stem Eden ambulance table

Lighting in accordance with NF EN 1789 with LED lights

Run-on circuit incl. monitoring of battery charge and patient compartment temperature

Auxiliary heating function

Air conditioning in driver's cab and patient compartment

Automatic air conditioning in the patient compartment

Red safety lights on the two rear doors

Can-bus-controlled central electrical system with control units

Control unit for all central functions, can be operated while seated

Intercom system



The generous interior dimensions allow the best possible patient care from both sides.



Patient compartment with optimum storage options for equipment and medical technology.

# WAS 500 E-Ambulance VSAV

## Key Performance Features:



### BASE VEHICLE

Model	Iveco eDaily
Wheel base	3450 mm
Permitted total weight	4250 kg
Drive	4 x 2 rear axle drive
Motor power	140 kW peak / 90 kW nominal
Motor torque	400 Nm peak / 220 Nm nominal
Vmax	120 km/h
Battery capacity	74 kWh / usable 70 kWh
Battery voltage	400 V DC
Charging capacity	22 kW AC / 80 kW DC
Range	100 – 150 km (depending on use)
Tap	400 V / 15 kW ePTO



Comfortable and bright patient compartment and solid interior fittings for optimum cleaning and disinfection.



The control unit on the side entrance door enables all important functions to be controlled from the attendant's seat, even during the journey.



The cockpit display provides information regarding the vehicle management, including the remaining range, charge status, energy consumption and vehicle status information.

