

# Edison: Changing White Van Man to Green Van Man

The Smith Edison is the world's first 3.5t higher function electric vehicle, providing a top speed of up to 50mph, a payload of up to 1220kg\* and a range on one battery charge of up to 100 miles.

Edison can accelerate from 0-30mph faster than a diesel vehicle, making it ideal for urban operations. And a GVW of less than 3.5t means that your drivers do not require a Class C licence.

\* Payload based on Edison Panel Van, Medium Wheelbase 3.5t



## Ideal applications for the Smith Edison

With gross vehicle weight options from 3.5t to 4.6t, the Edison range is designed to provide maximum performance in any closed urban application.

The Smith Edison is perfectly suited for lower mileage, intra-city operations on congested roads and duty cycles with many stops and starts, or collections and drops.

Market sectors which have already adopted and embraced our vehicles include:

- Home delivery
- Logistics
- Parcel delivery
- Utilities
- Facilities and estates management
- Waste and recycling collection
- Airport operations
- Public authority
- Service engineers



The Smith Edison is available in the following configurations:



Panel Van – many roof height and wheelbase options



Chassis Cab – option of tipper or dropside body



Minibus – available with 15 seats

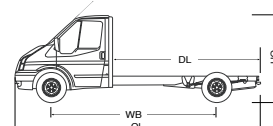
[www.smithelectricvehicles.com](http://www.smithelectricvehicles.com)



# Edison: Technical Specifications

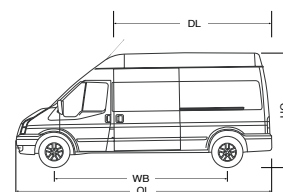
## EDISON CHASSIS CAB

Wheelbase WB	Wheelbase Length (mm)	Rear Wheel	GVW (t)	Max Range (miles)	Chassis Kerb Weight* (kg)	Payload (kg)	Overall Length OL (mm)	Overall Height OH (mm)	Overall Width ** (mm)	Deck Length DL (mm)
Medium	3504	Single	3.5	100	2100	1400	5552	2023-2035	1974	3148
	3504	Double	3.5	100	2144	1356	5552	2023-2035	1974	3148
Long	3954	Single	3.5	100	2142	1358	6002	2018-2031	1974	3598
	3954	Double	3.5	100	2186	1314	6002	2018-2031	1974	3598
Long Extended	3954	Double	3.5	100	2260	1240	6319	2015-2030	1974	3980
	3954	Double	4.6	100	2300	2300	6319	2015-2030	1974	3980



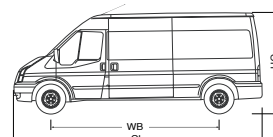
## EDISON PANEL VAN

Wheelbase WB	Wheelbase Length (mm)	Roof Height	Rear Wheel	GVW (t)	Max Range (miles)	Chassis Kerb Weight* (kg)	Payload (kg)	Overall Length OL (mm)	Overall Height OH (mm)	Overall Width ** (mm)	Deck Length DL (mm)
Medium	3300	Medium	Single	3.5	100	2280	1220	5301	2374-2390	1974	2949
	3300	High	Single	3.5	100	2302	1198	5301	2374-2390	1974	2949
Long	3750	Medium	Single	3.5	100	2308	1192	5751	2384-2403	1974	3399
	3750	High	Double	3.5	100	2350	1150	5751	2602-2619	1974	3399
Jumbo	3750	High	Single	3.5	100	2470	1030	6474	2608-2629	1974	4107
	3750			3.5	100	2555	945	6474	2608-2629	1974	4107
	3750		Double	4.25	100	2700	1550	6474	2608-2629	1974	4107
	3750			4.6	100	2800	1800	6474	2608-2629	1974	4107



## EDISON MINIBUS

Size	Wheelbase WB	Wheelbase Length (mm)	Roof Height	Rear Wheel	GVW (t)	Max Range (miles)	Chassis Kerb Weight* (kg)	Payload (kg)	Overall Length OL (mm)	Overall Height OH (mm)	Overall Width ** (mm)
15 Seater	Long Extended	3750	High	Double	4.25	100	3026	1224	6403	2624	1974



The following specifications apply to the whole Edison range:

Motor	90kw induction.
Controller	Vector control AC system with regenerative braking.
Batteries	Lithium Ion Iron Phosphate (Li Fe PH <sub>4</sub> ).
Charger	Fully automatic - cable included.
Suspension - Front	Coil spring MacPherson Strut, front roll bar.
Suspension - Rear	Leaf Springs and gas-pressurised shock absorbers.
Brakes	Dual-circuit, with self-adjusting servo-assistance. Front and rear disks.
Wheels	5 1/2" x 15" OR 5 1/2" x 16" Steel Wheels OR 5" x 15" Steel wheels (rear axle twin wheel) OR 5 1/2" x 16" Alloy wheels.
Tyres	205/75R16C OR 185/75R16C OR 185/75R16C.
Ancillary Electrics	12v negative earth system.
Warranty	36 Months on Driveline, 1000 cycles or 60 Months on batteries which ever occurs first. 12 Months on chassis and ancillaries.

\* Chassis Kerb Weight is based on 40kWh standard battery pack. \*\*Overall width shown is without mirrors. (Specifications are subject to change)

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