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CHARGE ON

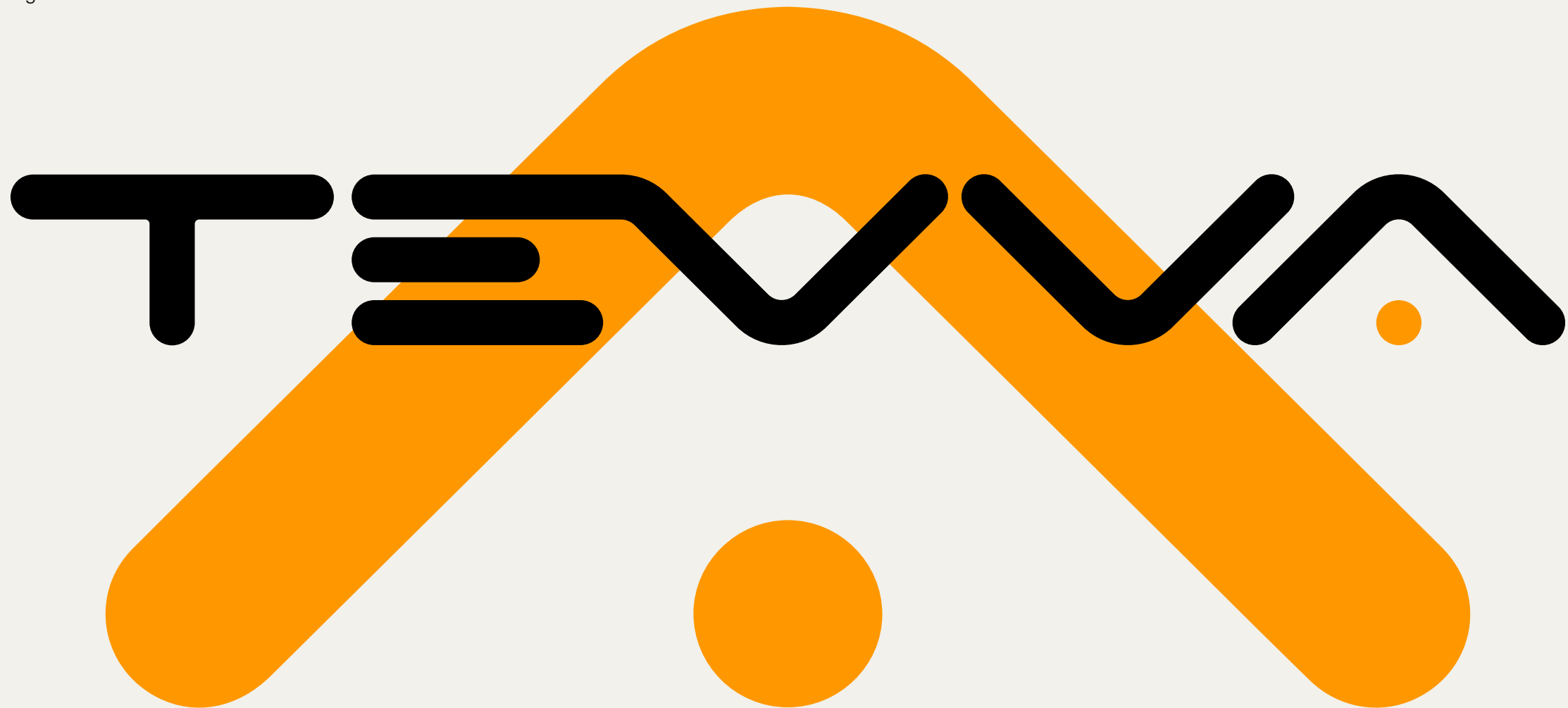
7.5T ELECTRIC TRUCKS
AVAILABLE NOW

JUNE 2023 BROCHURE

LEADING THE ELECTRIC CHARGE

The world is eager for change. How we all do business and care for this finite planet is undergoing an irreversible rethink. Tevva is spearheading the rapid shift to decarbonization – to ensure freight is cleaner, greener and better than what has gone before. We are making EVs the unarguable choice.

Our electric trucks are expertly engineered to do the work of their diesel equivalents, free from range anxiety and any compromise on payload. The time for change in urban freight is now, what are you waiting for?



PROPELLING THE TEVVA STORY

SUBMARINE TECHNOLOGY *APPLIED TO TRUCKS*

Tevva founder Asher Bennett's idea to transform freight was conceived deep under the ocean.

The former Israeli Naval Officer became convinced that principles of energy management that had underpinned submarines for more than a century could be applied to freight trucks to break the range barrier.

Tevva, its name taken from the Hebrew word for 'nature', was created in 2013 with this revolutionary idea at its core.





ON THE ROAD

TEVVA TRUCKS *GET MOVING*

Beginning by developing a range of technologies (as well as its first electric truck), Tevva set out to help established OEMs and fleets electrify the medium-duty urban freight sector.

Our first generation of electric trucks used a small ICE range extender. That would later be used to great effect in 2019 by logistics giant UPS who now have 15 Tevva trucks in its UK fleet. Those vehicles have covered more than 400,000km in two major cities with accumulated data informing the development of Tevva's later generation trucks.



Our collaboration with UPS informed our work to break the range barrier in 2019.

TEVVA'S OEM EVOLUTION

TRUCKS READY FOR THE *REAL-WORLD*

From start-up to scale-up – Tevva's OEM evolution

With Tevva's third-generation Battery Electric Vehicle, unveiled in London's Alexandra Palace in 2021, the world sat up and took notice.

Tevva went on to open its 10,300m² manufacturing base Tevva London, strengthening its already evident automotive pedigree by trebling its workforce which continues to grow.

RIGOROUSLY TESTED IN REAL-WORLD CONDITIONS

In 2022, several of our 7.5t Battery Electric Vehicles (BEV) were put through their paces during weeks of Cold Environment Testing in Lapland, 300km north of the Arctic Circle. In recent months, trucks navigated soaring Mediterranean temperatures and altitudes of more than 3,000m for Hot Environment Testing in the mountains of Spain's Sierra Nevada.



The testing continues, with a wide variety of trials including aerodynamic wind tunnel testing as well as customer trials.

In spring 2022, Tevva's hydrogen-electric truck was unveiled to worldwide acclaim at Road Transport Expo in Warwickshire, UK.

OUR 7.5T TRUCKS ARE READY AND AVAILABLE TODAY

Visit tevva.com to arrange a test drive





FORWARD WITHOUT FOSSIL FUELS

TECHNOLOGIES *THAT MATTER*

Tevva is not simply a truck company, we strive to utilize the latest technology and apply it to products and services that can transport everything for everyone in a better way

DUAL MOTOR SYSTEM: MORE CONTROL

Our trucks are driven by electric traction motors – among the most effective EV technologies available. In our battery electric trucks, two motors, which use no rare earth materials, utilise a shared shaft. Power is supplied via two different inverters which allows for control of each motor independently.

That means:

- Better efficiency
- Greater peace of mind, if an issue should arise in one 'journey', it can easily continue thanks to the remaining motor.

SMART SOFTWARE OPTIMISES STORED ENERGY



ELECTRONIC BRAKING SYSTEM (EBS) AND REGENERATIVE POWER

All Tevva trucks use an EBS that blends a foundation system with regenerative braking. The majority of modern EVs use this system but Tevva expertise ensures that regen braking is constantly refreshing our truck's range as it carries out its duty cycles.

*REGEN CAN PROVIDE
UP TO ONE THIRD OF
DAILY ENERGY IN AN
URBAN ENVIRONMENT*

SOFTWARE: THE RIGHT INFORMATION

Tevva software controls and links all technologies on board the Tevva truck to capture and analyse performance data.

In all Tevva vehicles, having a single unit that integrates telematics with our software, instead of multiple products, reinforces the "complete control" aspect of owning a Tevva truck. It also means we can manage software to suit the specific needs of our trucks both now and in the future.



It's a mindset thing...When futurist Arthur C. Clarke predicted the internet in 1964, people thought the idea fanciful. But it's disruptive thinking like this that inspires our progress and results in many of the technologies we develop at Tevva.

BATTERIES: TESTED TO THE LIMIT

COBALT-FREE RECYCLABLE BATTERIES



Tevva batteries employ lithium iron phosphate chemistry, giving long life and thermal stability – avoiding the use of rare earth metals. They are thoroughly tested for safety, efficiency and effectiveness.

Our batteries are manufactured in-house and are highly serviceable meaning greater peace of mind for you, fleet managers and drivers. The packs are highly efficient with a high energy per unit mass (relative to other energy storage systems) and have a reassuringly high power-to-weight ratio, as well as a low self-discharge rate.

They are certified to comply with United Nations Economic Commission for Europe (UNECE) Regulation 38.3. In addition, the traction battery and high voltage distribution system have been independently tested and certified to comply with UNECE Regulation 100 Rev 2 parts 1 and 2.

When our batteries reach the end of their operational life, they can be recycled so that materials can be reused in the manufacturing process, or by other industries in a variety of ways.





TEVVA SERVICES

ELECTRIC POWER TO THE PEOPLE

Tevva offers access to industry-leading products and services, including modular packages tailored to your needs by expert advisors. From seamless coordination and rollout to utilisation-based billing, our complete package of services de-risks your purchase decisions.

FINANCING

All primary financing and leasing options (including Hire Purchase, Finance Lease, Operating Lease and Contract Hire) required for your market sector are available. Our aim is to cater for as many customer requirements as possible. We have a range of flexible function options for you.

TRUCK AS A SERVICE (TaaS)

A Tevva “Truck as a Service” is a complete package of products, services and expertise for simple, low-risk fleet transition.

It means predictable operating costs and no unexpected repair bills.

This includes:

- Access to industry-leading products and services
- A modular package tailored to your needs by expert advisors
- Seamless coordination and rollout
- Utilisation-based billing with one monthly payment
- Centralised support.

Our team will review and assess your requirements, including infrastructure needs and recharging options, to help determine the best solution for you.

CHARGING INFRASTRUCTURE

We offer a package that can include site assessments and support upgrading using Distribution Network Operators (DNOs/iDNOs) if needed. We tailor the installation of hardware and include an interactive customer interface for vehicle and charging management.

Not only that, Tevva provides a centralized contact and bespoke package for customers, allowing you to upgrade your fleet to zero-emission vehicles.

TEVVA ENERGY SERVICES

Tevva partners with electrical charge suppliers to offer bespoke packages that support our clients’ electrical infrastructure needs. We also work with hydrogen suppliers across Europe to help customers seamlessly transition to zero carbon energy.

We act as the central contact for these processes so you can adopt electric recharging and hydrogen refuelling options with ease, through solutions that are convenient, affordable and sustainable.

Contact us to find out more about
Tevva Services at sales@tevva.com

A photograph of a male technician with a beard and glasses, wearing an orange and blue high-visibility safety vest with the 'TEVVA' logo on the back. He is working on the engine of a truck, with his back to the camera. The background shows a workshop environment with various mechanical parts and tools.

TRUCK PARTS
SOURCED FROM
THE UK AND EU FOR
LOWER LEAD TIMES

AFTERSALES

CONFIDENCE FOR THE LONG HAUL

Our Aftersales team has a formidable pedigree, with many years of automotive experience.

Accessories

Our trucks get the job done, but the driver experience is just as important.

With this in mind, we include a high-tech camera safety system option, as well as a range of accessories on our trucks.

You can choose from a selection of items designed with the driver's safety and comfort in mind. These include everything you would expect in a technology-packed electric truck, including three-phase, 10m charge leads and a range of on-board comforts.

Warranty, Servicing & Maintenance

Tevva offers a comprehensive three-year warranty up to 800,000km* across our range of trucks.

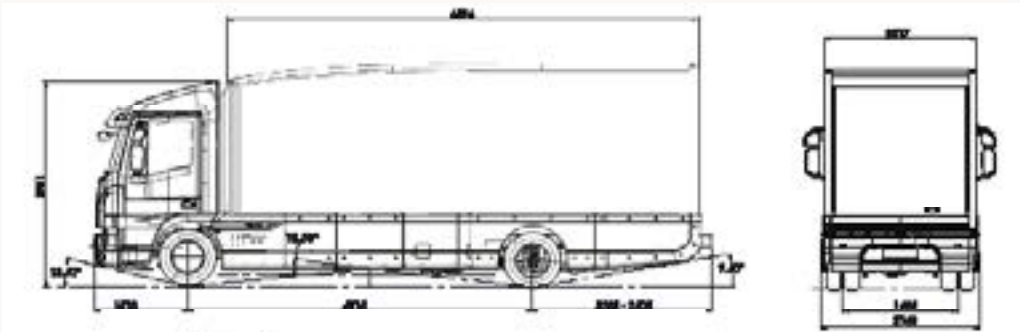
Any part that fails because of a manufacturing defect, will mean a replacement is fitted (for free) by an authorised Tevva Repair service.

*The Tevva warranty covers 800,000km or three years in duration, whichever occurs soonest

Parts and Recycling

Truck parts are largely sourced in the UK and EU, making lead times for supplies more convenient. Parts supplied by a Tevva Authorised Repairer are bolstered by our comprehensive 12-month warranty. For even greater reassurance, when a part is fitted by a certified technician, we'll double the length of your warranty to 24 months.

TECHNICAL SPECIFICATIONS
& EQUIPMENT FEATURES



NB: Images for illustration purposes only

MODEL	UNIT	TEV75B
VEHICLE TYPE		
VEHICLE CATEGORY & CLASS		N2/7.5 T
POWERTRAIN SYSTEM		
DRIVE TYPE		Battery Electric Vehicle (BEV)
MAXIMUM POWER	kW	192
MAXIMUM TORQUE	Nm	596
TRANSMISSION		Single-speed Automatic
PERFORMANCE		
MAXIMUM GRADEABILITY	%	20
RANGE (MAX)**	km	227
RANGE (AVG)***	km	170
BATTERY CAPACITY	kWh	110
BATTERY CHEMISTRY		LFP
CHARGING AC TYPE 2	kW	22kW
CHARGING AC TYPE 2 (TIME) 90%	hrs	5
ELECTRICAL SYSTEM		
ELECTRIC MOTOR TYPE		Electric Traction Motor
SUSPENSION		
FRONT SUSPENSION SYSTEM		Leaf Spring
REAR SUSPENSION SYSTEM		Air Suspension
BRAKES		
FRONT & REAR BRAKES		Hydraulic & Disc
DIMENSIONS		
MAX OVERALL LENGTH	mm	8730
OVERALL WIDTH	mm	2160 Excl. Mirrors
OVERALL HEIGHT	mm	2601
FRONT OVERHANG	mm	1310
REAR OVERHANG	mm	2505
WHEELBASE	mm	4815
TURNING RADIUS	mm	17600
WEIGHTS		
GROSS VEHICLE WEIGHT	kg	7499
GROSS PAYLOAD*	kg	up to 2942
TYRES		
TYRE SIZES		225/75
RIM SIZES		R17.5

* May change depending on options
** Range delivered against rural element of WHVC/CVRAS cycle. Based on 50% loaded condition for whole journey
*** Range delivered against complete CVRAS cycle. Based on 50% loaded condition for whole journey

TECHNICAL SPECIFICATIONS
& EQUIPMENT FEATURES

MODEL	TEV75B
	23MY
INTERIOR DESIGN FEATURES	
SEAT - SHEET SURFACE COLOUR: BLACK, FABRIC SEAT (HD)/ ARMREST+LUMBAR SUPPORT+SUSPENSION (DRIVER)	•
EXTERIOR DESIGN FEATURES	
COLOUR (WHITE)	•
COLOUR (OTHER)	optional
LED HEAD LAMP	•
HYDRAULIC CAB TILTING	•
TYRES & WHEELS	
ALL-WEATHER TYRES	optional
STEEL WHEEL	•
ALLOY WHEELS	optional
SPARE Tyre AND CARRIER	optional
DRIVER COMPARTMENT	
PARKING BRAKE LEVER	•
DOOR LOCK SYSTEM: CENTRAL DOOR LOCK (ALL DOORS) + KEY ENTRY SYSTEM	•
TECHNOLOGY	
MANUAL CABIN AIR CONDITIONING	•
RADIO AUDIO (BLUETOOTH/DAB AS STANDARD)	•
FULL DIGITAL CLUSTER	•
TACHOGRAPH	•
CRUISE CONTROL	•
SPEED LIMITER	•
SPEED LIMITER, DRIVER CONFIGURABLE	•
ELECTRIC CAB WINDOWS	•
EHPAS (ELECTRONIC HYDRAULIC POWER ASSISTED STEERING)	•
STEERING WHEEL CONTROLS (VOLUME, CHANNEL SELECT & PHONE)	•
12V POWER SOCKET (x2)	•
24V SUPPLY: 12V (x2) BATTERIES 143 Ah	•
USB PORT X 3	•
TEVVA TELEMATICS SYSTEM	•
REGENERATIVE BRAKING	•
HIGH POWER ePTO	•
SAFETY	
HILL HOLDER	•
LDWS (LANE DEPARTURE WARNING SYSTEM)	•
ESP	•
EBS	•
AEBS	•
AVAS (ACOUSTIC VEHICLE ALERT SYSTEM)	-
SEAT OCCUPIED, SEATBELT NOT FASTENED NOTIFICATION	•
DRIVER SEAT, INTEGRATED SEATBELT, 8-WAY ADJUSTMENT, HEADREST	•
PASSENGER BENCH SEAT, INTEGRATED SEATBELT, 8-WAY ADJUSTMENT, HEADREST	•
ABS (ANTI-LOCK BRAKE SYSTEM)	•
BRAKING SYSTEM: WABCO	•
REVERSE WARNING BUZZER	Fitted with body builder
ENERGY ABSORBING FRONT BUMPER (TEVVA DESIGN)	•
H2 SENSORS	•
FRONT BLIND SPOT MIRROR	•
PASSENGER SIDE KERB BLIND SPOT MIRROR	•
STABILIZER (FRONT/REAR)	•
STOWAGE	
GLOVEBOX OVERHEAD STOWAGE (WITH LID)	•
OVERHEAD DOCUMENT STOWAGE (OPEN)	•
CENTRE ARMREST STOWAGE AREA	•
GLOVEBOX OPEN SHELF	•
CENTRE CONSOLE BOTTLE STOWAGE (X2 BOTTLES)	•
CAB REAR STOWAGE BOXES (X3 COMPARTMENTS)	•
UNDERSEAT STOWAGE PASSENGER & DRIVER	•
COAT HOOKS X6	•
TOOL BOX	Fitted with body builder



AVAILABLE SOON

19T TRUCKS THE FUTURE IS WITHIN RANGE

Our 7.5t electric trucks get the job done with no compromise on payload.

Soon we will be moving even heavier loads and covering longer distances with the introduction of our hydrogen dual-fuel 19t truck.

Visit tevva.com to find out more about what we're doing to make EVs the unarguable choice.

#CHARGE ON



MAKE EVs THE UNARGUABLE CHOICE

Progress never stops and neither do we.

Visit tevva.com and stay up to date with developments.

Or contact sales@tevva.com to arrange a test drive.



TEVVA