



ELECTRIC PERSONAL VEHICLES FOR LAW ENFORCEMENT



PATROL FORCE MULTIPLIER

TRIKKE PROFESSIONAL MOBILITY

is a **US-based manufacturer** and distributor of rugged professional-grade personal patrol vehicles. They feature a proprietary stand-up 3-wheel cambering vehicle technology for efficiently moving around large campuses, congested areas, and public events.

Our mission is to design and build innovative mobility vehicles that provide the best value in safe and efficient personal transportation - for maximum engagement in our community and minimum impact on our environment.

Trikke's expanding client list includes sheriffs and police departments, colleges and universities, federal and state governments, resorts, casinos, malls, airports, seaports, and private security companies. Each has come to rely on our personal mobility vehicles for the best combination of reliability and responsiveness with minimal environmental impact.

Trikke Professional Mobility maintains close relationship with members of **Law Enforcement and Security** communities to develop continuous product improvements that meet their evolving patrol requirements, and is grateful for their advice and support.

We are constantly refining and simplifying to create the best operator experience. After experimenting with many threewheeled stand-up concepts, we have developed the current design that has all the right geometry, scale and simply executed engineering. It provides an extremely stable riding machine that is lightweight, robust and perfectly suited to the human form.

With **Trikke's** patented flexible cambering (leaning) frame, the operator can position himself and the frame where they need to be for maximum comfort, confidence and performance at all speeds. Trikke has integrated a quick and compact folding mechanism for ultimate portability.

THE TRIKKE ADVANTAGE

POLICI

- Intuitive, easy to drive
- Stability in all riding conditions
- Ergonomic and comfortable ride
- Elevated stance, commanding presence
- Simplicity of construction and maintenance
- Made in the USA ready availability of vehicles and spare parts
- Multi-terrain capability
- Quick accelaration, long range
- Electric drive, silent, clean and green.
- 1 cent per mile electricity cost
- Heavy-duty professional grade construction

IMPROVE COMMUNITY ENGAGEMENT

Rock

OLIC

NORFOLK



POSITRON is the POLICE specific version

with top notch performance for heavy duty work cycle and it is street ready.

Stealthy, emission-free vehicles for indoors and outdoors, on/off-road, all-weather continuous operation.

Trikke Positron bridges the gap between police vehicles and foot patrols, empowering officers to better connect with their community while saving agencies money and increasing operational efficiency over foot patrol.

Available in 2 models: the standard 60V AWD and the high-performance ELITE 72V.



GO ELECTRIC! GO GREEN! GO CLEAN!



SUPERCHARGED SPECS FOR THE MEAN STREETS

The Positron 72V XL is our **heavy-duty patroller**, featuring high-torque motors and larger wheels for improved performance on all surfaces, including hills and unpaved terrain.

Our top combo model offers a taller stance and faster speed. It's also the perfect vehicle for carrying heavier loads.





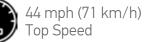


72V 1764Wh Lithium-ion battery



up to 35 miles (56 km) range per charge









350 lb (159 kg) Max. load



WHEN RESPONSE TIME IS CRITICAL DEPLOY THE ELITE



This is our **high-performance** model: maximum acceleration and speed, long range, ideal for use in traffic and on hilly terrain.

Getting to a call as quickly as possible is the most important thing for first responders.

If you need to get there fast, this is your best option.





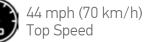


72V 1764Wh Lithium-ion battery



up to 35 miles (56 km) range per charge







100 lb Product weight



300 lb (135 kg) Max. load



A POLICE VEHICLE LIKE NO OTHER



This is our **best seller** police model.

An excellent tool to help police navigate large crowds and interact with the community.

Ideal for operating in most conditions, indoors and outdoors.

Proven reliability and performance that will keep patrol on the move, enhancing coverage and presence.





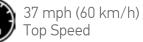


60V 1470Wh Lithium-ion battery



up to 30 miles (48 km) range per charge









300 lb (135 kg) Max. load





DEFENDER is the Security patrol vehicle

optimized for patrolling indoors and outdoors.

Thanks to the cambering frame, full suspension, and upright riding position, the **DEFENDER** replaces the fatigue of pedaling a bicycle or walking long distances with an ergonomic, stable and comfortable ride that is easy on the body. The smooth, clean and quiet electric motors will keep your officers on the move.

The **DEFENDER** is the perfect security tool for achieving quicker response times, covering more ground, and engaging with the public.

Available in 2 models: the **48V 2WD** for mostly flat terrain, and the **48V 3WD** which offers higher torque for riding up the parking structures and ramps.







MOVE QUICKER AND GET THE JOB DONE WITH THIS VERSATILE PERFORMER

This vehicle will work non-stop with a quick-swappable battery and electricity cost of 1 cent per mile.

Monitor parking structures, ride indoors or out, guickly take a lap around the property and respond to calls immediately.

Step-on for an elevated presence – An average 5'10" officer becomes a 6'10" observer, this is tactical advantage.





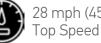


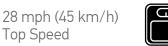
48V 1176Wh Lithium-ion battery



up to 25 miles (40 km) range per charge











300 lb (135 kg) Max. load





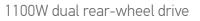
WHEN NUMBERS COUNT QUANTITY HAS A QUALITY ALL ITS OWN

Patrolling a mostly flat and contained area, at low speed, requires less performance.

The **Defender 2WD** shares the same heavy-duty frame and most components of the stronger siblings, but with a minimalistic construction and capped power, to provide outstanding value.

Still the performance and range are impressive comparing to bicycles or Segway.





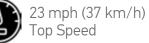


48V 1176Wh Lithium-ion battery



up to 20 miles (32 km) range per charge











250 lb (110 kg) Max. load



| SPECIFICATIONS | DEFENDER 48V 2WD | DEFENDER 48V 3WD | POSITRON 60V | POSITRON ELITE 72V | POSITRON XL 72V |
|--------------------------------------|--|--|--|---|------------------------------|
| | | | | | |
| electric drive system | DC 48V - 24A | DC 48V - 36A | DC 60V - 45A | DC 72V - 60A | DC 72V - 65A |
| acc line | DC 12V | DC 12V | DC 12V | DC 12V | DC 12V |
| battery (Li-ion) | 48V 1170Wh | 48V 1170Wh | 60V 1470Wh | 72V 1764Wh | 72V 1764Wh |
| charging V/A/time | 54.6V 5A 4h | 54.6V 5A 4h | 67.2V 5A 4h | 84V 5A 4h | 84V 10A 2h |
| electric rated power | 550W | 850W | 1300W | 2160W | 2340W |
| electric peak power | 1100W | 1700W | 2600W | 4320W | 4680W |
| traction power (brake power) | 850W | 1250W | 1950W | 3240W | 3500W |
| traction | 2WD | 3WD | 3WD | 3WD | 3WD |
| motor | 2x BLDC direct drive | 3x BLDC direct drive | 3x BLDC direct drive | 3x BLDC direct drive | 3x BLDC direct drive |
| motor controller | 2x FOC 12A | 3x FOC 12A | 3x FOC 15A | 3x FOC 20A | FOC 2x25A 1x15A |
| max rider's weight | 250 lb (113 kg) | 300 lb (136 kg) | 300 lb (136 kg) | 300 lb (136 kg) | 350 lb (152 kg) |
| Vehicle weight (w/battery) | 69 lb (31 kg) | 80 lb (36 kg) | 90 lb (41 kg) | 100 lb (45 kg) | 105 lb (45 kg) |
| frame | AL6061 - foldable | AL6061 - foldable | AL6061 - foldable | AL6061 - foldable | AL6061 - foldable |
| overall dimensions | L 51" x H 57" x W 26" | L 51" x H 57" x W 26" | L 51" x H 57" x W 26" | L 51" x H 57" x W 26" | L 53" x H 58" x W 27" |
| adjustable handlebar height | 5" (12.5 cm) | 5" (12.5 cm) | 5" (12.5 cm) | 5" (12.5 cm) | 5" (12.5 cm) |
| deck height | 11" (28 cm) | 11" (28 cm) | 11'' (28 cm) | 11" (28 cm) | 11" (28 cm) |
| inflatable tires | front 50 psi (3.45 Bar) rear 65 psi (4.48 Bar) | front 50 psi (3.45 Bar) rear 65 psi (4.48 Bar) | front 50 psi (3.45 Bar) rear 65 psi (4.48 Bar) | front 50 psi (3.45 Bar) rear 65psi (4.48 Bar) | 35psi (2.5 Bar) |
| phone holder | optional | optional | standard | standard | standard |
| gear bag | optional | optional | standard | standard | standard |
| emergency lights | optional - 2 | optional - 3 | standard - 5 | standard - 7 | standard - 7 |
| LED headlight | 1x 2000 lm with DRL | 1x 2000 lm with DRL | 2x 2000 lm with DRL | 2x 2000 lm with DRL | 2x 2000 lm with DRL |
| rear lights | single point | dual running/brake/turn | dual running/brake/turn | dual running/brake/turn | dual running/brake/turn |
| beep horn | yes | yes | yes | yes | yes |
| siren | optional | optional | 3-tone police siren | 3-tone police siren | 3-tone police siren |
| RFID key | standard | standard | standard | standard | standard |
| rear suspension | swing arm - spring | swing arm spring/oil adjust | swing arm spring/oil adjust | swing arm spring/oil adjust | swing arm spring/oil adjust |
| front suspension | telescopic spring/oil damper | telescopic spring/oil damper | telescopic spring/oil damper | telescopic spring/oil damper | telescopic spring/oil damper |
| hydraulic disc brakes | 2 rear - one lever | all wheel - 2 levers | all wheel - 2 levers | all wheel - 2 levers | all wheel - 2 levers |
| climbing ability (200lbs) | 7% (4 deg) | 12% (7 deg) | 15% (9 deg) | 20% (11 deg) | 27% (15 deg) |
| * top speed (unregulated) | 23 mph (37 km/h) | 28 mph (45 km/h) | 37 mph (60 km/k) | 44 mph (70 km/h) | 44mph (70 km/h) |
| ** range mixed terrain (up to 200ls) | 20 miles (32 km) | up to 20 miles (32 km) | 22 miles (35 km) | up to 25 miles (40 km) | up to 25 miles (40 km) |
| ** range on flat terrain (200lb) | 25 miles (40 km) | up to 25 miles (40 km) | 30 miles (48 km) | up to 35 miles (56 km) | up to 35 miles (56 km) |
| | | | | | |

(*) speed and power level can be locked at any value in LCD control panel (password protected)





TrikkeMobility.com

TRIKKE PROFESSIONAL MOBILITY

Trikke Tech Inc. 132 Easy St, D1, Buellton CA 93427, USA

Ph. (805) 693 0800

Email: info@trikke.com



