

TERRAINHOPPER®

CREATED FOR ADVENTURE





Overlander 4ZX

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TerrainHopper manufactures the Overlander 4ZX, the ultimate all-terrain wheelchair that can handle any tough terrain you throw at it! With a ground clearance of 250 mm and the ability to climb inclines up to 35%, you can easily conquer mud, sand, snow, rocks, hills, and even thick undergrowth. It's perfect for anyone who loves exploring the great outdoors without any hassle. The Overlander 4ZX has 4 powerful motors and an all-round suspension system that makes it easy to navigate even the most challenging trails. With the Overlander 4ZX, you can finally get back to the freedom of exploration you've been dreaming of. No more limits on where you can go or what you can do. So, if you're ready to take on any terrain and get your freedom back, the Overlander 4ZX is the way to go. Are you ready for an adventure?

Summit of Pen y Fan



Peak District





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TerrainHoppers can be driven with either handlebar/throttle or joystick controls or with both types of control. We are the only off-road mobility vehicle on the market with dual control capabilities. Our long wheelbases and low center of gravity makes it the most stable 4-wheel drive off-road mobility vehicle.

One of our special features is the unique patented suspension system making a comfortable ride over the most undulating surfaces; such as rocks, deep mud, dry sand, snow, steps or kerbs.

Our products are used by all age groups, men, women and children with varying degrees of disability, such as; spinal injuries, paraplegia, MND, Muscular Dystrophy, MS, Cerebral Palsy, amputees and by those who may have lost their capability to hike and explore the outdoors but not their passion for it!

TerrainHoppers are British designed and built using state of the art technology. They are CE approved Class 2 and Class 3 mobility products for the UK.



Pebbly beach, no problem



Rocky riverbeds, done with ease



Overlander 4ZX

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Above: A closeup of new 4ZX dashboard, and standard handlebars. Foldable steering available to reduce overall maximum height to 950mm.



Overlander 4ZX

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Spanish Hills



Some of the main features of the Overlander 4ZX are:

- True 4-wheel drive.
- All round independent suspension system.
- Two separate electrical systems, one set powers the front motors and the second set powers the rear. If one set should fail, you can drive in 2-wheel drive to get you home.
- Side roll bar lifts for easy access and not only looks good but offers some form of protection.
- Adjustable seating and backrest (chair folds for ease of transport).
- Adjustable steering to suit your personal needs.
- You can steer using handlebars (throttle) or joystick control or both, see our options.
- Maximum user weight 30 stone /190kg
- See page 12 for maximum tilt, descent etc

See page 8 for what is standard and page 9 for optional extras,

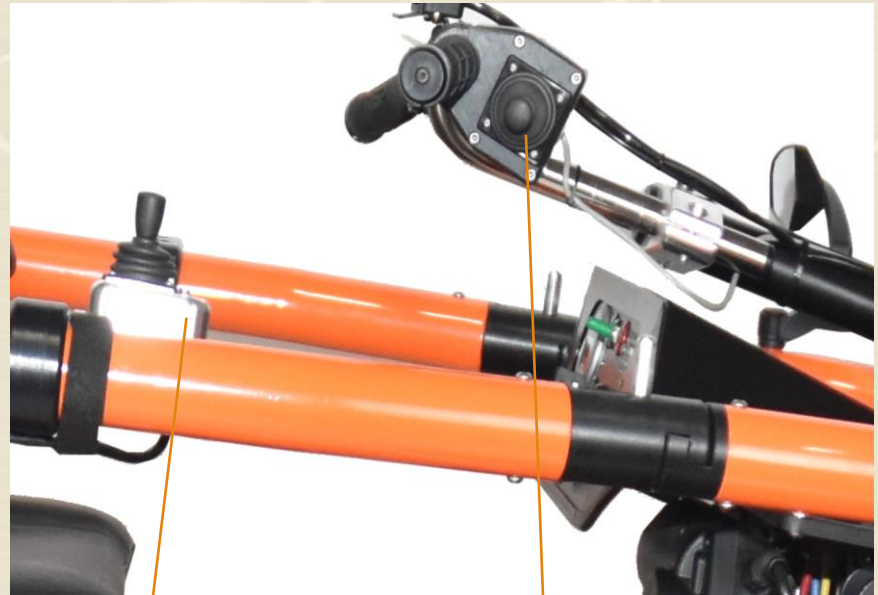


Dual Steering

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There is an option to have both manual and joystick steering. This is unique and is not available on any other product. The advantages are:

- *For those who wish to use throttle steering but may lack the stamina or strength to do the entire journey manually, you can change over to joystick control.*
- *When faced with difficult terrain, the joystick can take all the hard work from maneuvering, then changing back to the throttle when the terrain gets easier.*
- *The joystick can be operated by someone standing beside the Overlander to assist or take over from the user if it is safe to do so.*



Joystick

Throttle Control





What's standard?

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All round suspension

Mirrors

Roll bar opening on one side

Ex Moor Trim seat

Lap belt

4 x motors

LED Front light

LED Rear light

Indicators

Handlebar Steering with throttle control

Choice of smooth or knobbly tyres

Security Key



Standard Seat



Indicators & brake lights



What's Optional

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- Joystick control
- Dual Steering
- Attendant Control
- Waterproofing
- Extended chassis length from 1675mm to 1825mm
- Wind screen
- Overhead Roll bar
- All round disc brakes
- 4 or 5 point harness
- Winch
- Seat options see aside, contact us if you have specialist requirements.
- Additional lights
- Roll bar to open both sides
- Adjustable footrest
- Additional lithium batteries
- Additional wheels
- Hitch Receiver
- Rear Platform
- Givi Box



Exmoor Trim Seat



Corbeau Sportsman reclining seat



Tillett W1i



Tillett B6 F



Get your feet wet and opt for waterproofing



BESPOKE

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Basic

Customisations:

Simple modifications such as leg restraints, headrests etc upon request.

Advanced

Customisations:

For those requiring adaptations or additional performance, hi-tec materials can be introduced at additional cost i.e. Carbon Fibre/Kevlar. Please contact us for a consultation.



Bespoke controls to suit customers needs

Customised position of joystick controls



British designed & manufactured



Overlander 4ZX

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Overlander 4ZX

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Dimensions & Weights

(in mm & kg)

Overlander 4ZX

Standard Width 'W' : 850mm

Standard Length A: 1675mm or with winch 1775mm.

Extended chassis A:1825mm or with winch 1925mm

Height C: (seat folded height) 1100

Unfolded height 1400

Height E: Fixed part of Roll Bar 1020mm

(adjustable steering option reduces height to 950mm)

Overhead Roll bar** (adult X: 1750)

Ground Clearance: 250mm

Seat Adjustment : SA 300 mm

(from fixed position)

SPECIFICATIONS

MOTORS :

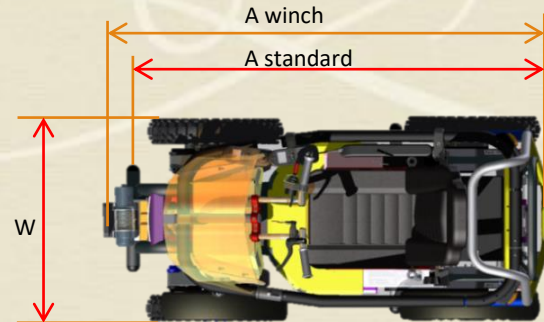
4 X 750 Watt up to 3000 Watts of peak rate power

BATTERY RANGE

100 AH approximately 20 miles

200AH approximately 40 miles

Weight of user, terrain and ambient heat can reduce the range

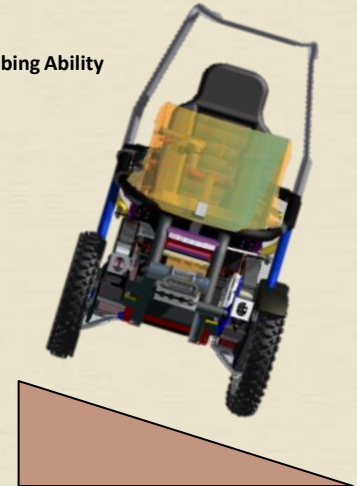




Overlander 4ZX			
Speed Options	4mph gearing	6mph gearing	8mph gearing
Ground Clearance	250mm	250mm	250mm
Maximum side tilt	20°	20°	20°
Max Gradient	35°	25°	15°
Max Descent	45°	45°	45°
Turning Circle	3.2m	3.2m	3.2m
Max carrying capacity	30 stone/190kg		



Climbing Ability



Tilt



Guarantees & Service

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Guarantees

Electrics/Joystick -	1 year
Motors	1 year
Batteries lithium	1 year
Suspension System	2 years
Chassis	5 years

Annual service	By arrangement
Arduous Conditions*	Every 3 months

***Arduous Conditions will increase the service plan of your TerrainHopper**



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PATENT GB2490526



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Company registration No 11040987 in England & Wales

Open Mon – Thurs 9am to 5pm Friday 9am to 1pm



www.terrainhopper.com



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Flatlander





Introducing the Flatlander a two-wheel drive version of the Overlander which captures its amazing looks and incorporates aspects of its off-road capability such as all-round independent suspension.

Kerbs, pavements are not an issue for the Flatlander due to its rims, independent all-round suspension and two-wheel drive system.

Mud, grass and inclines are no problem for the Flatlander and the all-round suspension makes it a more comfortable ride going over obstacles and has a ground clearance of 120-180mm

TerrainHoppers are British designed and built using state of the art technology. They are CE approved Class 3 mobility products for the UK.





Some of the main features of the Flatlander are:

- 2-wheel drive.- 2428 watts of peak rate motor power
- All-round suspension system.
- Adjustable seating and backrest (chair folds for easier transport).
- Adjustable steering to suit you.
- You can steer using the handlebars (throttle) or we offer joystick or dual controls.
- *See page 8 for what is standard and optional extras*
- *See page 10 for specifications etc*





Why not opt for both manual and joystick steering. This is unique and is not available on any other product. The advantages are:

- For those who wish to use throttle steering but may lack the stamina or strength to do the entire journey manually, you can change over to joystick control.*
- When faced with difficult terrain, the joystick can take all the hard work from maneuvering, then changing back to the throttle when the terrain gets easier.*
- The joystick can be operated by someone standing beside the TerrainHopper to assist or take over from the user if it is safe to do so.*





What's standard and what's optional?

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What's Standard ?

All-round suspension

2428 watts of peak rate motor power

Manual steering via throttle Control

24V 50AH Lithium Battery

8mph gearing

Knobbly tyres

Built in speed controller

Security Key

Mirrors

Standard Seat

Lap belt

LED Front light

LED Rear light

Indicators

What's Optional?

Joystick Control

Dual Steering

Increased battery range

Road tyres

Attendant Control

*4 or 6mph gearing options which
reduces the speed but increases torque*

Hitch Receiver

Rear Platform

Givi Box

Head light options



Standard & Optional Steering

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Throttle control



Joystick Only Control





Dimensions & Weights of the Flatlander in mm & kg's

Weight including battery: 134.5kg
Standard Width: 850mm (can be reduced to 810mm)
Standard length: 1650mm
Height – seat unfolded 1410mm
Height – seat folded 1150mm
Ground Clearance: 120 to 180mm

SPECIFICATIONS

MOTORS :

2 x 1214 Watt up to 2428 Watts of peak rate power
Maximum side tilt 20 degrees/36%
Maximum gradient 17 degrees/30%
Maximum descent 30 degrees/57%
Turning circle 5.5m
Standard maximum carrying capacity 16 stone/102kg

BATTERY RANGE based on off-roading/user weight 16 stone/ 102kg

*Lithiums 50AH 8-12 miles
*Lithiums 100AH 16-24 miles
*Lithiums 200AH 32-48 miles
* Range is variable, dependent on speed, weight of user, type of terrain and ambient temperature.

GUARANTEES

Electrics/Joystick -	1 year
Motors	1 year
Batteries	5 years
Suspension System	2 years
Chassis	2 years

Annual service by arrangement



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TERRAINHOPPER PRICE LIST September 2025			
ALL PRICES EXCLUDE DELIVERY & VAT			
Flatlander		Retail Prices	Special Introductory Price to 1st January 2026
1	Handlebar/Throttle control steering, includes 1 x 24V 50ah Lithium battery and charger	£11,500	£9,950
2	Joystick Steering	£12,250	£10,700
3	Dual Steering (both throttle and joystick controls)	£12,950	£11,400
Optional Extras PRICE LIST			
The Flatlander comes standard in our standard red colour RAL 3004 with lights, indicators & mirrors 1 x 24V 50AH lithium battery, lithium battery charger, seat belt, knobbly tyres ALL PRICES EXCLUDE DELIVERY & VAT			
Option Description		PRICE PER UNIT	PRICE PER UNIT
5	Additional set of lights	£170	£170
6	Upgrade to longer range batteries cost per an additional 24V 50AH battery	£650	£400
7	Pair of walking stick holders	£30	£30
	Standard colour red RAL 3004	£0	£0
	Other RAL colours	£500	£500
	4 Point Harness		£110
	5 Point Harness		£120
	Adjustable Foot rest plate		£295
	Fitted Hitch Receiver		£180
	Removable Storage Platform		£380
	Articulated cup holder		£85
	Removable lockable GIVI box 58l		£695
	Mudguards for standard wheels 4 in a set		£400
	Standard 12 hour charger		£180
	Faster charger 8 hours		£540
	Faster charger 4 hours		£720
ALL PRICES EXCLUDE DELIVERY & VAT			
	You need to check if any import taxes or duties are payable for purchases outside the UK.		
	50% deposit due with order, balance of 50% due 7 days prior to delivery.		
	Ex works (buyer pays for all shipping costs) Delivery 3-4 weeks from when deposit is paid.		

TERRAINHOPPER PRICE LIST September 2025 contact details 01472 566566 sales@terrainhopper.com			
ALL PRICES EXCLUDE DELIVERY & VAT			
Overlander 4ZX		Retail Prices	
1	Handlebar/Throttle control steering, special offer includes 2 x 24V 50ah Lithium batteries and charger.	£15,400	
2	Joystick Steering special offer includes 2 x 24V 50ah Lithium batteries and charger.	£16,875	
3	Dual Steering (both throttle and joystick controls) special offer includes 2 x 24V 50ah Lithium batteries and charger.	£17,700	
Optional Extras PRICE LIST			
Option Description			PRICE PER UNIT
	Additional set of lights		£170
	Waterproofed motors and battery box		£1,450
	Extend Chassis Length from 1630mm to 1790mm		£605
	Monster Wheels (need extended chassis version)		£660
	Wind Screen		£175
	4 Point Harness		£110
	5 Point Harness		£120
	Manual swivel seat price for standard seat		£450
	Tillet Racing car seat W1i GRP includes fitting		£750
	Tillet Racing car seat B6F GRP includes fitting		£1,250
	Adjustable Foot rest plate		£295
	Child Overhead Roll Bar		£495
	Adult Overhead Roll Bar		£550
	Winch and lithium battery charger plus fitting		£550
	Remote Stop Control		£425
	Fitted Hitch Receiver		£180
	Removable Storage Platform		£380
	Articulated cup holder		£85
	Removable lockable GIVI box 58l		£695
	Mudguards for standard wheels 4 in a set		£400
	Mudguards for monster wheels 4 in a set		£650
	BESPOKE REQUESTS: Speak with sales assistant		POA
	Lithium battery 24V 50 x 2 amp hours (2 x 24V=100AH). Current price £1,690, offer price*		£0
	Lithium battery 24V 50 x 4 amp hours (4 x 24V=200AH). Current price £2,850		
	Current offer, upgrade to 24V 50ah x 4 =24V=200AH.		£900
	Standard 12 hour charger		£180
	Faster charger 8 hours		£540
	Faster charger 4 hours		£720
	Pair of walking stick holders		£30
* when purchased with a TerrainHopper			
ALL PRICES EXCLUDE DELIVERY & VAT			

	You need to check if any import taxes or duties are payable for purchases outside the UK.		
	50% deposit due with order, balance of 50% due 7 days prior to delivery.		
	Ex works (buyer pays for all shipping costs) Delivery 3-4 weeks from when deposit is paid.		