

ROBOOTER

# DRIVING TO A BETTER LIFE

XZ XZ-Droid SERIES   X SERIES   E SERIES   O SERIES



# ROBOOTER X

Experience the freedom and independence

Innovative

Remote control

A-key folding





## 1. Specially Designed Joystick With Precise Operation And Rapid Response

1.1. Turn 360°

1.2 Control the direction flexibly

## 2. Easy To Operate And Control

Clear interface interaction

Customized real-time voice in English Spanish, Germany or others

English

español

Deutsch



### 3. High-efficient Lithium Battery

Car graded lithium battery ,  
better protection effect of overcharging, overheating,  
over current and short circuit  
which bring safer operation experience.



## FLEXIBLE

Omni-directional wheel

The self-developed omnidirectional wheel is composed of 10 independent small wheels per omni-directional wheel, and several rubber small wheels form a toothed structure, which has stronger grip in the process of crossing obstacles/ditches.



1. Lateral movement in narrow space



2. Turning radius: 73cm, turn flexibly, advance and reverse freely

## MOBILE APP

Download in iOS or Android. Including remote control, fold or expand, driving speed, etc.

One-key fold by remote control



## SAFETY



1. Auxiliary wheel  
Rear auxiliary anti-skid wheels, effectively prevent rolling.  
Multiple guarantees uphill.



2. Independent Suspension System  
The front wheels have two sets of suspension spring with strong torsion, buffering the impact from rough roads and steps to make the users drive stably and feel comfortable.

## PRODUCT PARAMETERS

PRODUCT MODEL	ROBOTER X40
Folding mode	Electric folding
Maximum speed	6km/h
Maximum barrier height	4.5cm
Maximum crossing width	10cm
Slope climbing performance	10°
Total weight	41.8kg
Battery number	1
Battery weight	3.4kg
Specifications of front and rear wheels	10-inch front omni-direction wheel, 10-inch rear wheel
Maximum load	≤120kg
Battery capacity	20Ah
Overall dimension (length * width * height)	1005*590*930mm
Folding shape dimension (length * width * height)	830*590*370mm
Seat wide	42cm
Theoretical driving distance	25km

# ROBOOTER E40

Electric wheelchair

Smart

Lightable

Multifunctional



### 1. Unique Link Mechanism

Easy to fold and carry.



### 2. High-end Squeeze Casting

Improves comfort and safety.



### 3. Fine Matte Spray Treatment Technology

Preventing rust and corrosion.





Pressure release zone

Breathable memory foam seat cushion.



Maximum 20Ah battery capacity with 23km cruising range.



Backpacks and net pockets with ample storage space.



1.7-inch TFT screen and excellent man-machine interaction interface fitting for erder's demands.

## PRODUCT PARAMETERS

PRODUCT MODEL	ROBOTEER E40
Folding mode	Manual folding
Maximum speed	8km/h
Maximum barrier height	4cm
Maximum crossing width	10cm
Slope climbing performance	9°
Total weight	25kg
Battery number	1
Battery weight	3.4kg
Specifications of front and rear wheels	8-inch front wheel, 10-inch rear wheel
Maximum load	≤150kg
Battery capacity	20Ah
Overall dimension (length * width * height)	1000*624*930mm
Folding shape dimension (length * width * height)	700*624*450mm
Seat wide	46cm
Theoretical driving distance	23km

# ROBOOTER E60

more powerful performance

Robust

Suspension

Stable





Efficient shock absorbers  
Buffering the impact on uneven road surfaces and steps  
Drive smoothly and comfortably



Omni-directional wheel  
360 ° omnidirectional turning  
Fit complex road conditions such as gravel, mud, grass, etc



Lithium battery  
Fast charging, large endurance



Ergonomic Seat and Back





○ Pearl White



● Modern Grey



● Ink Lake Green

## PRODUCT PARAMETERS

PRODUCT MODEL	E60		E60-A		E60 Pro		E60 Pro-A	
Folding mode	Manual folding				Manual folding			
Maximum speed	8km/h				10km/h			
Maximum barrier height	6cm				6cm			
Maximum crossing width	10cm				10cm			
Slope climbing performance	9°				15°			
Total weight	32.4kg		34.2kg		35.6kg		37.4kg	
Backrest angle	Not adjustable		Adjustable		Not adjustable		Adjustable	
Battery weight	3.4kg				3.4kg			
Specifications of front and rear wheels	10-inch front wheel, 10-inch rear wheel				12-inch front wheel, 12-inch rear wheel			
Maximum load	≤150kg				≤150kg			
Battery capacity	20Ah/25Ah				20Ah/25Ah			
Overall dimension (length * width * height)	98.7x64x93.2 cm				105.2x64x95.6 cm			
folding shape dimension (length * width * height)	77x64x50 cm				85.5x64x52.5 cm			
seat wide	46cm				46cm			
Theoretical driving distance	23km (20Ah) 、29km (25Ah)				23km (20Ah) 、29km (25Ah)			

## EXCELLENT PERFORMANCE

Road Adaptability and obstacle crossing ability

Robooter X/E can span the 100mm ditches.

Abstacle overcoming: Robooter X40: 45mm height, Robooter E40: 40mm height, Robooter E60: 60mm height, Robooter E40: 40mm height

Abstacle ditches crossing : 100mm width

Climbing gradability: Robooter X40:10°, Robooter E40: 9°, Robooter E60: 9°, Robooter E40: 9°



## EASY TO DEAL WITH ROUGH ROAD

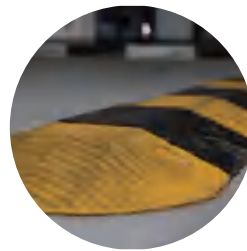
Fit different terrain such as gravel road, rough road, deceleration stripe and grass lawn etc.



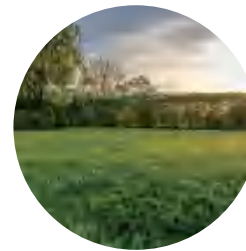
gravel road



rough road



deceleration stripe



lawn

# ROBOOTER Q40

Portable Mobility Scooter

Compact

Portable

Foldable





Large LED display screen with speed level, remaining power etc



Rapidly fold, small and light weight



Adjustable tiller for comfortable riding



Detachable armrest available to different body types



Illuminate your way in the darkness with the front and rear light



Plentiful power with prominent output, optional ways to charge the scooter





○ Pearl White

● Ink Lake Green

## PRODUCT PARAMETERS

Parameter	Q40	Parameter	Q40
Overall Dimension (L × W × H)	998*565*931mm (TBD)	Speed	3/6/8km/h (Three-speed selectable)
Folding Dimension (L × W × H)	760*565*275mm (TBD)	Battery Capacity	10Ah、20Ah
Seat Size	415*340mm (TBD)	Theoretical Driving Distance (Battery Capacity)	15KM(10Ah)、30KM(20Ah)
Folding Method	Manually folding	Max Obstacle Height	55mm
Max Weight Capacity	136kg	Max Ditch Width	100mm
Weight	Approximately 19.9kg	Gradeability	10°
Waterproof Grade	IPX5	Color	Green, White

# ROBOOTER E80

Carbon Fiber Power Wheelchair

Lightweight

Stylish

Foldable



## TWO-STEP FOLDING

Easily fold the electric wheelchair in just two simple steps—no disassembly needed.



Carbon fiber frame, net weight of the whole vehicle  $\leq 15.9\text{kg}/35\text{lbs}$ .



8-inch front wheels and 10-inch rear wheels, strong ability to cross ditches and obstacles.



Supports up to 150kg, sturdy and reliable.



● Vibrant Apple Green

● Black and White Gradient

## PRODUCT PARAMETERS

PRODUCT MODEL	E80	PRODUCT MODEL	E80
Overall dimension (L × W × H)	998*628*965mm	Speed	8 km/h
Folding dimension (L × W × H)	715*628*445mm	Battery capacity	12Ah / 20 Ah
Seat size	420*430 mm	Theoretical driving distance	18km(12Ah) / 25km(20Ah)
Folding method	Manually folding	Max obstacle height	40 mm
Max weight capacity	150 KG	Max ditch width	100 mm
Net weight	Approximately 15.9 KG	Gradeability	9°
Waterproof Grade	IPX5	Color	Black and White Gradient、Vibrant Apple Green

# XZ-DROID SMART

Exercise For The Mildly Disabled  
Easy To Stand And Easy To Wear



## Power Endurance Performance

Maximum speed:  $\approx 4.5\text{km/h}$

Maximum load: 100kg

Type of motor: Two 250w brush motors

Endurance: 15km

"Type of battery: Vehicle-level lithium battery (ternary lithium)"

Time of charging: 4-5h

Battery performance (1Ah=1,000mAh): 24v/15Ah

### Two high-performance 250w direct-drive brush motors

**250<sub>W</sub>**

Rated power  
dual motors

**15<sub>KM</sub>**

Full battery  
duration

**44<sub>NM</sub>**

Large torque



## Easy To Stand And Easy To Wear



Ability to stand  
with optional  
protective devices



Convenient Transportation  
for indoors and outdoors



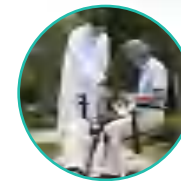
Self-independence  
in daily life



Real-time remote  
control via APP



Low gravity center  
to prevent fall down



Lower extremity  
rehabilitation exercise

## Pavement Adaptability

Easy travel on 5° slope and across minor obstacles



Wet surfaces

**4cm**

Maximum height of obstacles crossing



Slopes

**5cm**

Maximum width of groove crossing



Minor obstacles

**5°**

Maximum degree of slope to brake on



Tiles



Speed bumps

**5°**

Maximum degree of slope to drive upwards



Low thresholds

**63cm**

Minimum turning radius



## CERTIFICATION



## PRODUCT PARAMETERS

PRODUCT MODEL	XZ-Droid SERIES
Maximum speed	4.5km/h
Maximum barrier height	4cm
Maximum crossing width	5cm
Total weight	85kg
Maximum load	≤150kg
Overall dimension (length * width * height)	1044x550x1360mm
Type of motor	two 250w brush motors
Time of charging	4-5h
Theoretical driving distance	15km
User's height	1500-1900mm
User's weight	40-100kg
Minimum turning Diameter	630mm

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[www.robooter.com](http://www.robooter.com) [info@robooter.com](mailto:info@robooter.com)

Shanghai BangBang Robotics Co., Ltd.

5th Floor, Building 3, No.188 Zhongchen Road, Songjiang District, Shanghai, China.

Tel:+86 021-37777720 or +86 4000-400-882