



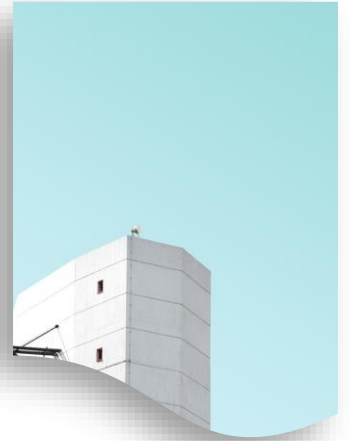
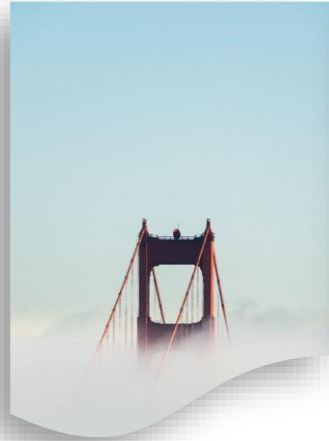
# **nomico<sup>®</sup>**



## **2022 CATALOG**

SUZHOU IDEAL MEDICAL CO., LTD.

# About **IDEAL**



## Our Mission

To offer a series of mobility and living aids that frees their users and empowers them to be independent and enjoy life to the full.

Live a free life

Owned brand: **nomico**<sup>®</sup>





# MOBILITY



# Tiny 6



## Classic

### What Is A Portable Power Wheelchair?

A portable power wheelchair allows the user to easily move the chair using a joystick. It is created with lightweight materials that have foldable frames that allow for an easier time transporting your power wheelchair. **Let the user travel easier.**





Height adjustable  
backrest



Flip-Up armrest



Flip-Up footrest

1, 2, 3  
Lithium batteries  
optional



Anti-Tipper



# Tiny 6



## Colourful

8"

10"

### Portable Wheelchairs Let You Travel Easier.

As we age and our mobility slows down or for those who have suffered from mobility issues because of accidents, using a portable power wheelchair makes getting around much easier and becomes an excellent solution for many people. This device can be used both indoors and outdoors and because they are electric all that is needed is the push of a simple joystick. Power portable wheelchairs are lighter and fold smaller and quicker than other types allowing for easy travel and storage in vehicles.

# Tiny 6e



12"

8"

## Classic

### What Are The Different Types Of Portable Power Chairs?

There are two primary types of portable power wheelchairs. Folding electric wheelchairs and Transportable power chairs. Folding electric wheelchairs fold in one piece making them really easy to fold and take with you. Transportable chairs are typically broken down into a few pieces and this turns them into lightweight pieces that then can be transported.





Curve comfortable  
backrest



Automatic lock  
when open



One-step forming  
& effective support  
seat

Rear & Front  
suspension x4



PU foot pad





# Tiny 6e



12"

## Colourful

### Guide To Purchasing The Best Portable Power Wheelchairs.

- The folding aspect of a power wheelchair is key and better for transporting.
- The weight of the portable wheelchair is crucial because you will need to transport that chair from a vehicle, airplane, or cruise ship and pick up from time to time.
- Type of battery is also important, safety battery capacity and be removeable from wheelchair will be necessary.
- The essential purpose of buying is sure to make your life or the life of a loved one easier.



Permanent magnet  
synchronous motor



Anti-Tipper



1, 2, 3  
Lithium batteries  
optional

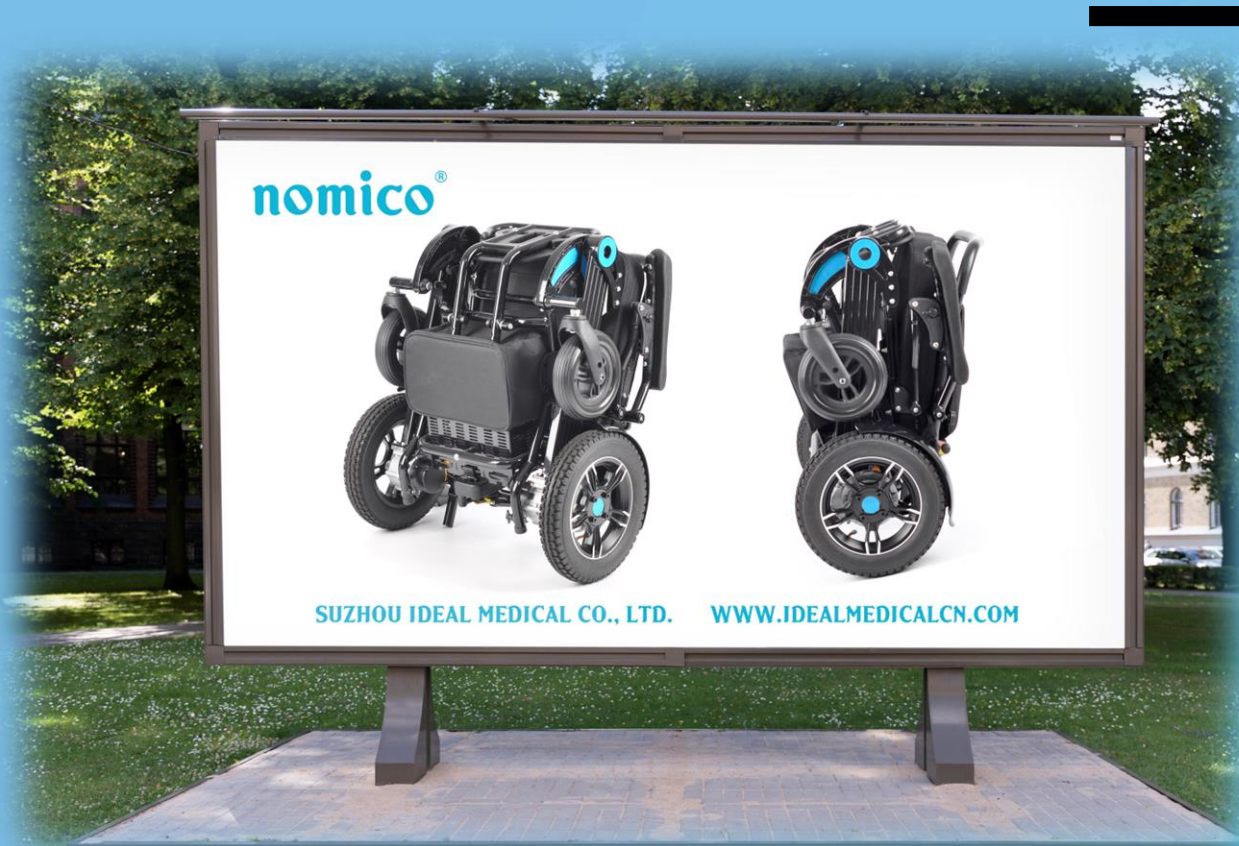
Rear & Front  
suspension x4



Safety belt











# Parameters

Item No. Parameter Name	Tiny 6		Tiny 6L	
	Square Wave Controller & Motor	Sine Wave Controller & Motor	Square Wave Controller & Motor	Sine Wave Controller & Motor
Brushless motor:	250W*2, DC24V	220W*2, DC24V	250W*2, DC24V	220W*2, DC24V
Max. speed:	8.0 km/h	8.0 km/h	8.5 km/h	8.5 km/h
Braking distance:	≤ 1.0 m	≤ 1.0 m	≤ 1.0 m	≤ 1.0 m
Max. grade ability:	12°	12°	15°	15°
Turning radius:	80 cm	80 cm	85 cm	85 cm
Rear wheel:	10 inch (Non-Pneumatic tire)	10 inch (Non-Pneumatic tire)	12 inch (Pneumatic tire) (Tire pressure max. 2.5 Bar)	12 inch (Pneumatic tire) (Tire pressure max. 2.5 Bar)
Front wheel:	8 inch	8 inch	8 inch	8 inch
N.W. (without battery):	24.6 kg	24 kg	24.8 kg	24.2 kg
Max. safe weight capacity:	120 kg	120 kg	120 kg	120 kg
Lithium battery:	24V10Ah	24V10Ah	24V10Ah	24V10Ah
N.W. of battery:	1.7 kg/pc	1.7 kg/pc	1.7 kg/pc	1.7 kg/pc
Max. driving distance:	17 km/1 battery	20 km/1 battery	17 km/1 battery	20 km/1 battery
	34 km/2 batteries	40 km/2 batteries	34 km/2 batteries	40 km/2 batteries
	51 km/3 batteries	60 km/3 batteries	51 km/3 batteries	60 km/3 batteries
Charger DC output:	24V2A	24V2A	24V2A	24V2A
Charger AC input:	100 – 240V, 50/60Hz	100 – 240V, 50/60Hz	100 – 240V, 50/60Hz	100 – 240V, 50/60Hz
Measurements	Tiny 6		Tiny 6L	
Seat width:	450 mm	450 mm	450 mm	450 mm
Seat depth:	440 mm	440 mm	440 mm	440 mm
Seat to floor:	480 mm	480 mm	500 mm	500 mm
Backrest width:	440 mm	440 mm	440 mm	440 mm
Width between armrest:	470 mm	470 mm	470 mm	470 mm
Armrest to seat:	210 mm	210 mm	210 mm	210 mm
Ground clearance:	60 mm	60 mm	65 mm	65 mm
Wheelbase:	550 mm	600 mm	600 mm	600 mm
Total length:	920 mm	920 mm	1040 mm	1040 mm
Total width:	600 mm	600 mm	640 mm	640 mm
Total height:	890 – 1040 mm (Height adjustable)	890 – 1040 mm (Height adjustable)	910 – 1060 mm (Height adjustable)	910 – 1060 mm (Height adjustable)
Folding size:	600 x 340 x 670 mm (L*W*H=0.14 m <sup>3</sup> )	600 x 340 x 730 mm (L*W*H=0.15 m <sup>3</sup> )	640 x 340 x 740 mm (L*W*H=0.16 m <sup>3</sup> )	640 x 340 x 740 mm (L*W*H=0.16 m <sup>3</sup> )
Carton size:	720 x 400 x 770 mm (L*W*H=0.22 m <sup>3</sup> )	730 x 420 x 840 mm (L*W*H=0.26 m <sup>3</sup> )	730 x 420 x 840 mm (L*W*H=0.26 m <sup>3</sup> )	730 x 420 x 840 mm (L*W*H=0.26 m <sup>3</sup> )

# FOR E WHEELCHAIR



Sine Wave Brushless  
Controller  
SY-C10



Sine Wave Brushless  
Controller  
SY-C20



Brush Controller  
SY-D



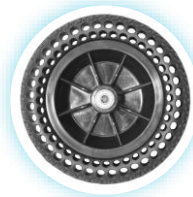
Sine Wave Brushless  
Motor  
SY-M10



Sine Wave Brushless  
Motor  
SY-M12



8 inch  
Front castor



Square Wave Brushless  
Controller  
LH-C



Square Wave Brushless  
Controller  
LH-D



10 inch  
Rear wheel



Square Wave Brushless  
Motor  
MT-M10



Square Wave Brushless  
Motor  
MT-M12



12 inch  
Rear wheel





# Cooper X



## Portability

### Why to buy a mobility scooter?

- Mobility scooter help with the ability to get someone to their destination easier without having to physically walk.
- Scooters are designed more for the person that still has mobility but requires help to get around on longer distances.
- Mobility scooter is a type of mobility device that allows the user to get around without much effort, to help anyone gain mobility by sitting upright on a seat with a back that has a standard tiller steering mechanism.



Retractable frame  
(compact)



Retractable frame  
(outspread)



Height adjustable  
tiller



Easy to pull



Anti-Tip device

# Cooper X1



## Portability

What features to consider when buying the best mobility scooter?

- Weight capacity
- Safety
- Top speed
- Drive range
- Battery
- Controls
- Wheels and tire size
- Ground clearance
- Seat size
- Turning radius
- Ease of storage





Retractable frame  
(compact)



Retractable frame  
(outspread)



Height adjustable  
tiller



Removable battery



Anti-Tip device

# Parameters

Item No. Parameter Name	Cooper X	Cooper X1
	Square Wave Controller & Motor	Square Wave Controller & Motor
Brushless motor:	MT 180W*1, DC24V	MT 250W*1, DC24V
Max. speed:	8.0 km/h	8.0 km/h
Braking distance:	≤ 1.0 m	≤ 1.0 m
Max. grade ability:	8°	8°
Turning radius:	100 cm	110 cm
Rear driving wheel:	8 inch solid tire (9 inch optional)	8 inch solid tire (9 inch optional)
Front wheel:	8 inch solid tire (9 inch optional)	8 inch solid tire (9 inch optional)
N.W.:	22.8 kg (Without battery) + 1.8 kg (Armrest & Backrest )	24.3 kg (Without battery) + 1.8 kg (Armrest & Backrest)
Max. safe weight capacity:	110 kg	110 kg
Lithium battery:	24V12Ah * 1	24V12Ah * 1
N.W. of battery:	1.9 kg/pc	2.6 kg/pc
Max. driving distance:	18 km	16 km
Charger DC output:	29.4V3A	29.4V3A
Charger AC input:	100 – 240V, 50/60Hz	100 – 240V, 50/60Hz
Measurements	Cooper X	Cooper X1
Seat width:	360 mm	370 mm
Seat depth:	260 mm	250 mm
Seat to floor:	500 mm	510 mm
Backrest height:	260 mm	220 mm
Width between armrest:	390 mm	420 mm
Armrest to seat:	190 mm	210 mm
Ground clearance:	70 mm	70 mm
Wheelbase:	500 – 645 mm (Adjustable frame)	535 – 720 mm (Adjustable frame)
Total length:	760 – 910 mm	800 – 980 mm
Total width:	500 mm	490 mm
Total height:	730 – 920 mm (Height adjustable tiller)	810 – 990 mm (Height adjustable tiller)
Folding size:	760 x 500 x 350 mm (L*W*H=0.13 m <sup>3</sup> )	800 x 490 x 420 mm (L*W*H=0.16 m <sup>3</sup> )
Carton size:	825 x 550 x 415 mm (L*W*H=0.19 m <sup>3</sup> )	815 x 550 x 480 mm (L*W*H=0.22 m <sup>3</sup> )

# Cooper Y

24V



## Portability





# Cooper Y

24V



## Portability



# Features of Cooper Y



Height adjustable tiller



Power button  
& indicator



Multifunctional device



Back big bag



Easy to pull



Removable battery



Front LED light



Back big bag



Back reflector



Comfortable seat



2 Big footplates



8" Rear/Front Wheels

36V

48V



10" Rear/Front Wheels

# Parameters

Item No. Parameter Name	Cooper Y (24V)	Cooper Y (36V)	Cooper Y (48V)
	Burshless Controller & Motor	Burshless Controller & Motor	Burshless Controller & Motor
Brushless motor:	300W*1, DC24V	300W*1, DC36V	350W*1, DC48V
Max. speed:	8.0 km/h	15.0 km/h	15.0 km/h
Braking distance:	≤ 1.0 m	≤ 1.0 m	≤ 1.0 m
Max. grade ability:	12°	10°	10°
Turning radius:	100 cm	100 cm	110 cm
Rear driving wheel:	8 inch solid tire	8 inch solid tire	10 inch solid tire
Front wheel:	8 inch solid tire	8 inch solid tire	10 inch solid tire
N.W.:	24 kg (Without battery)	22 kg (Without battery)	24 kg (Without battery)
Max. safe weight capacity:	120 kg	120 kg	120 kg
Lithium battery:	24V12Ah * 1	36V8Ah * 1	48V10Ah * 1
N.W. of battery:	2.7 kg/pc	2.7 kg/pc	2.7 kg/pc
Max. driving distance:	15 km	25 km	25 km
Charger DC output:	29.4V3A	29.4V3A	29.4V3A
Charger AC input:	100 – 240V, 50/60Hz	100 – 240V, 50/60Hz	100 – 240V, 50/60Hz
Measurements	Cooper Y (24V)	Cooper Y (36V)	Cooper Y (48V)
Seat width:	410 mm	410 mm	410 mm
Seat depth:	350 mm	350 mm	350 mm
Seat to floor:	510 mm	510 mm	520 mm
Backrest height:	370 mm	370 mm	370 mm
Ground clearance:	105 mm	105 mm	115 mm
Wheelbase:	770 mm	770 mm	770 mm
Total length:	1000 mm	1000 mm	1050 mm
Total width:	500 mm	530 mm	540 mm
Total height:	860 mm	860 mm	830 mm
Folding size:	860 x 500 x 390 mm (L*W*H=0.17 m³)	860 x 530 x 390 mm (L*W*H=0.17 m³)	830 x 540 x 390 mm (L*W*H=0.17 m³)
Carton size:	870 x 580 x 450 mm (L*W*H=0.23 m³)	870 x 580 x 450 mm (L*W*H=0.23 m³)	870 x 580 x 450 mm (L*W*H=0.23 m³)



# iTractor 2



## Handbike



HD Display



Foldable Handles



USB Charging Jack



Brushless motor:	350W, 36V
Brushless controller:	Output voltage/current 36V/15A
Lithium battery:	36V13Ah (36V20Ah optional)
Max. speed:	25 km/h
Braking distance:	Disc brake, < 1 m
Max. grade ability:	10°
Drive wheel:	12 inch pneumatic tire
N.W.:	14.1 kg
N.W. of battery:	4.2 kg -13Ah (5.9 kg -20Ah)
Max. weight capacity:	120 kg
Max. driving distance:	50-60 km-13Ah (70-80 km-20Ah)
Charging time:	6.5 h
USB charging voltage:	5V
Size:	950 x 450 x 710 mm
Size of package:	1110 x 410 x 240 mm



To offer a series of mobility and living aids that frees their users and empowers them to be independent and enjoy life to the full.

Live a free life



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