

# SPECIFICATION



**Double Traveller Wheelchair**

**OB-EW-020**

## Patent Technology Introduction

Our unlimited electric wheelchair equips with “Synchro moving gradienter equipment” patent technology which also can be applied in the military equipments and other civil products. The “Synchro moving gradienter equipment” under the seat will adjust the user’s body barycenter to the level of the ground according to the different out-door terrain (such as curb, stair, pithead, uneven field). So you will feel balanced, and safe when drive on these boring terrain. It gives the real independence to the disabled people who thirst for going out to see the beautiful scenery.

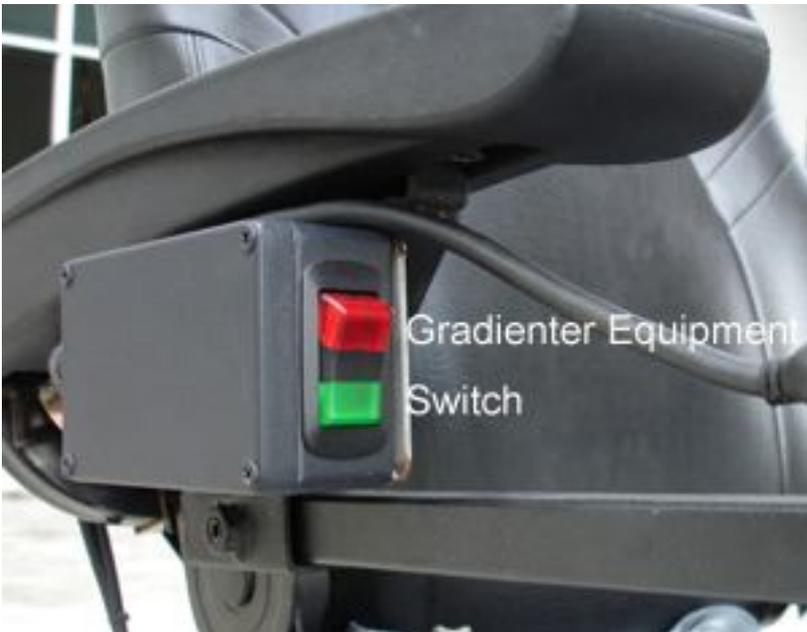
### Function

1. Stair function: This power wheelchair can climb / descend the step forward ( Max 35° ) easily. No need the infrared sense the obstacle before action. During driving, the “Synchro moving gradienter equipment” will adjust your barycenter level to the ground. You won’t feel shamble. It will offer you an ease, free action to span the step or slope.
2. Max obstacle span ability (it depends whether someone sit on the back seat):  
Obstacle  $\leq$  the chassis height  
Step: Height  $\leq$  150mm  
Angle  $\leq$  25° (it depends)  
Slope  $\leq$  45° (it depends)
3. 4 wheels driving + special design PU solid tire (Rubber tire available): it can help you to solve the troubles of pithead, sand, snow, grass terrain. So your action space is no longer limited to flat floor, but different environment.
4. 360° revolving at the same place function, you can turn free at a narrow space.
5. Popular LED lighting system: save energy, environmental.
6. Equip with world’s one and only silicone power battery. Unlike conventional lead acid batteries, the Silicone power Batteries are slight corrosive; possess the performance of environment protection. Silicone Power Batteries offer superior performance, optimized for high current discharges and preferable enhanced capacity.
7. High quality, performance PG R-NET controller system ensures the smooth operation.
8. Equip with one back seat, you can go out with your friends or families who can sit on the seat comfortable together with you. Avoid fatigue walking, just enjoy the happy life.

## Specification Sheet

<b>Overall length</b>	1470mm	<b>Weight with batteries</b>	200kg
<b>Overall width</b>	730mm	<b>Max load capacity</b>	150kg
<b>Overall height</b>	1370mm	<b>Max speed</b>	7.5km/h
<b>Wheel size(front/rear)</b>	Ø 400mm	<b>Max output rotate speed (for driving motor)</b>	63rpm
<b>Seat-to-floor height</b>	680mm	<b>Max mileage</b>	15-20 km
<b>Chassis-to-floor height</b>	115mm	<b>Operation time</b>	2-5 h
<b>Seat size (big)</b>	High /Low-back seat 16" / 18" / 20"	<b>Charging time</b>	4-6 h
<b>Back seat size (small)</b>	340(L)*250(W)mm	<b>Brake</b>	Electromagnetic braking
<b>Height of obstacle toSpan</b>	≤ the chassis height	<b>Driving motor</b>	2-motor :1200W
<b>Max. Climbable angle(step/curb)</b>	25° (it depends)	<b>Level rack motor</b>	1-motor: 200W
<b>Max. Climbable angle(slope)</b>	45° (it depends)	<b>Silicone battery</b>	12V, 27AH , 4pcs
<b>Turning radius</b>	0°	<b>Drive manner</b>	Four-wheel drive

# ACCESSORY



Gradienter equipment switch



PG R-NET controller system(LCD)



New LED series lighting ( save energy ,environmental)



LED lighting system  
Save energy, environmental



Special design RUBBER  
solid tire: strong traction  
(PU tire available---  
hard-wearing)



The only one in the  
world-Silicone Power Battery  
Environment protection