

Portable, Light, Safe Power Wheelchair FNC01

Carbon Fiber:

- Dozens of layers carbon film wrapping manually by training workers then press by dedicated machine
- One-piece formed chair frame, no welding point
- 1/3 lighter than aluminum alloy
- Strength 6 times higher than aluminum alloy
- Shiny or matte black surface of original carbon fiber

Performance Specification

Motor power	DC24V 150W*2pcs brushless motor
Controller output	DC24V 50A
Battery charger output	DC24V 2A
Battery charger input	AC 100-240V, 50-60Hz
Battery power	DC24V 10Ah*1pc lithium battery
Charging time	less than 5 hours
Loading capacity max.	120kg
Speed max.	6km/h
Driving range max.	20km per full charge
Gradient max.	10°
Obstacle clearance	50mm
Ground clearance	100mm
Turning radius	760mm
Incline capability	N/A
Brake distance	700mm (at full speed)

Dimensional Specification

Unfolded (L x W x H)	915*565*895mm
Folded (L x W x H)	915*565*280mm
Packed (L x W x H)	960*610*350mm
Weight (without battery)	29kg
Battery weight	2kg
Seat plate depth	420mm
Seat plate width	375mm
Seat plate to floor	520mm
Backrest width	375mm
Armrest inner spacing	410mm - 470mm
Armrest width	30mm
Armrest to seat plate	210mm
Backrest to seat plate	370mm
Footrest to floor	105mm
Chair lowest point to floor	48mm
Front tire (Castor)	8"*2.2" (203*56mm)
Rear tire (Drive wheel)	8"*1.6" (203*40mm)



Other Specification

Frame material	Carbon fiber & Aluminum alloy
Frame color	White (standard) / Other colors OEM support
Tires material	Mecanum omni wheel (front) PU solid, puncture free, flat free (rear)
Drive configuration	Rear-wheel drive (RWD)
Backrest type	Fixed
Brake system	Electromagnetic brake
Controller type	All-Direction joystick
CPU	Brushless controller
Battery type	Dot touch polymer lithium battery
Battery position	Under the seat plate
Battery mounting	Dot touch lock
Charging position	Joystick or Battery charging port
Driving mode	Electric, Manual
Fold & Unfold method	Manually
LAP belt	Provided
Horn	Built-in
Anti-tip wheels	On the back of chair
Armrest swing up	Yes
Length of footrest	Fixed
Standard accessories	Tool kit, user manual, safety belt, charger, remote key
Extra accessories	Headrest, cup/phone holder, flashlight, rotary joystick holder, back joystick holder, side bag ...

Key Features

- * New creative style, fashionable design
- * Directly use when delivered, assembly free
- * Dot touch wireless lithium battery charge on or off board, easy assembly and dis-assembly, fully recharged in a couple of hours, 24V 6Ah airline approved for free travel
- * Extremely well crafted carbon lite frame, lightweight, durable, luxurious appearance
- * Fold in 5 seconds, fit for most vehicles, easy carry and storage, no need to disassemble
- * Long driving range 20km per full charge
- * Sharp turning radius, make sharp turns easily in limited space
- * Intelligent electromagnetic brake to ensure passenger safety
- * Manual and electric mode switch for different environment
- * Front mecanum Omni-wheel with suspension system, flat free puncture free rear solid tires, drive on almost any terrain outdoors
- * Wheel hub covers to make it dust proof, easy cleaning, good looking
- * Detachable 360 degree maneuverable smart touch joystick, good for both right and left-handed users
- * Dual flip up arm rests for easy entry or exit, adjustable armrest spacing
- * Reliable and precise battery-life indicator
- * Detachable, washable, non-slip, breathable, shock absorbed memory foam cushion
- * Travel on airlines, trains, automobile and cruise ships

