

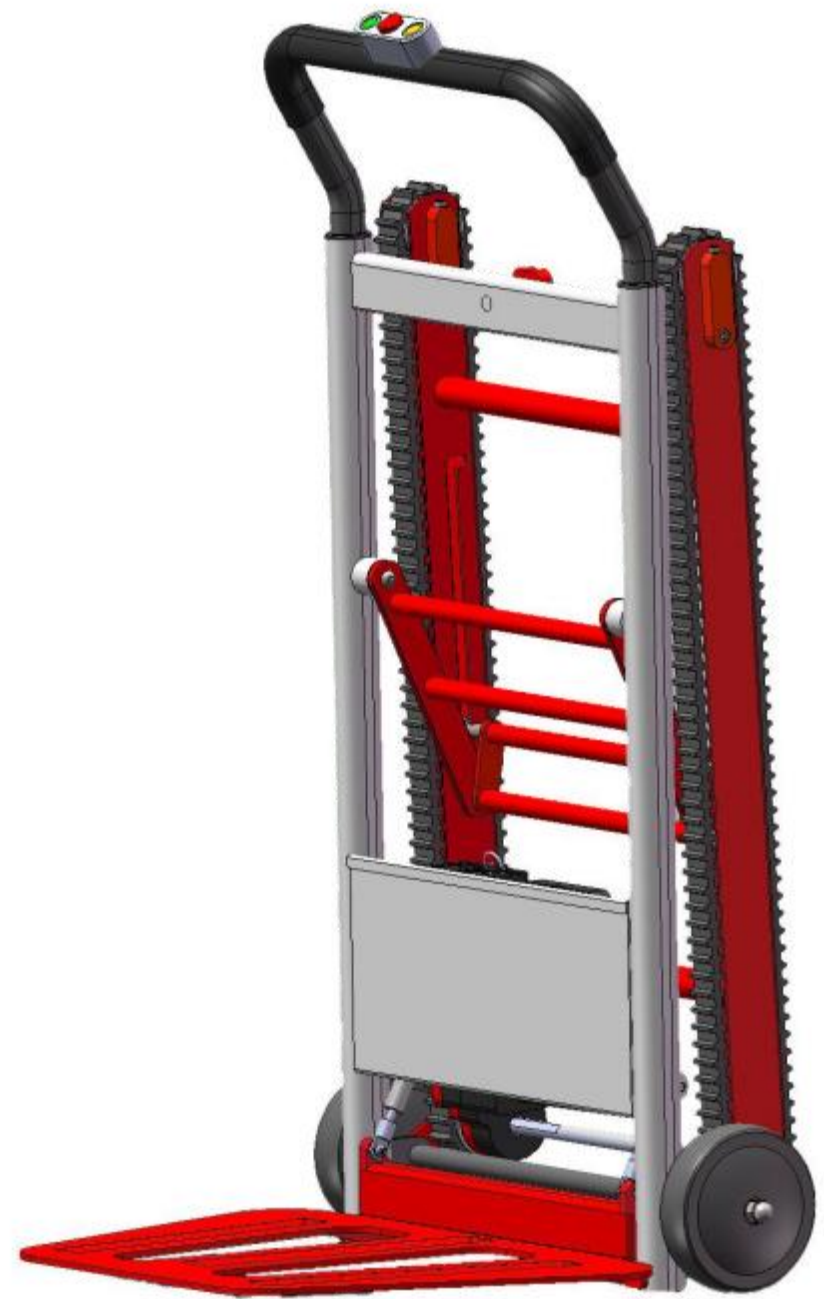
EMSS

Powered Stair Climber

EMSS-MINI

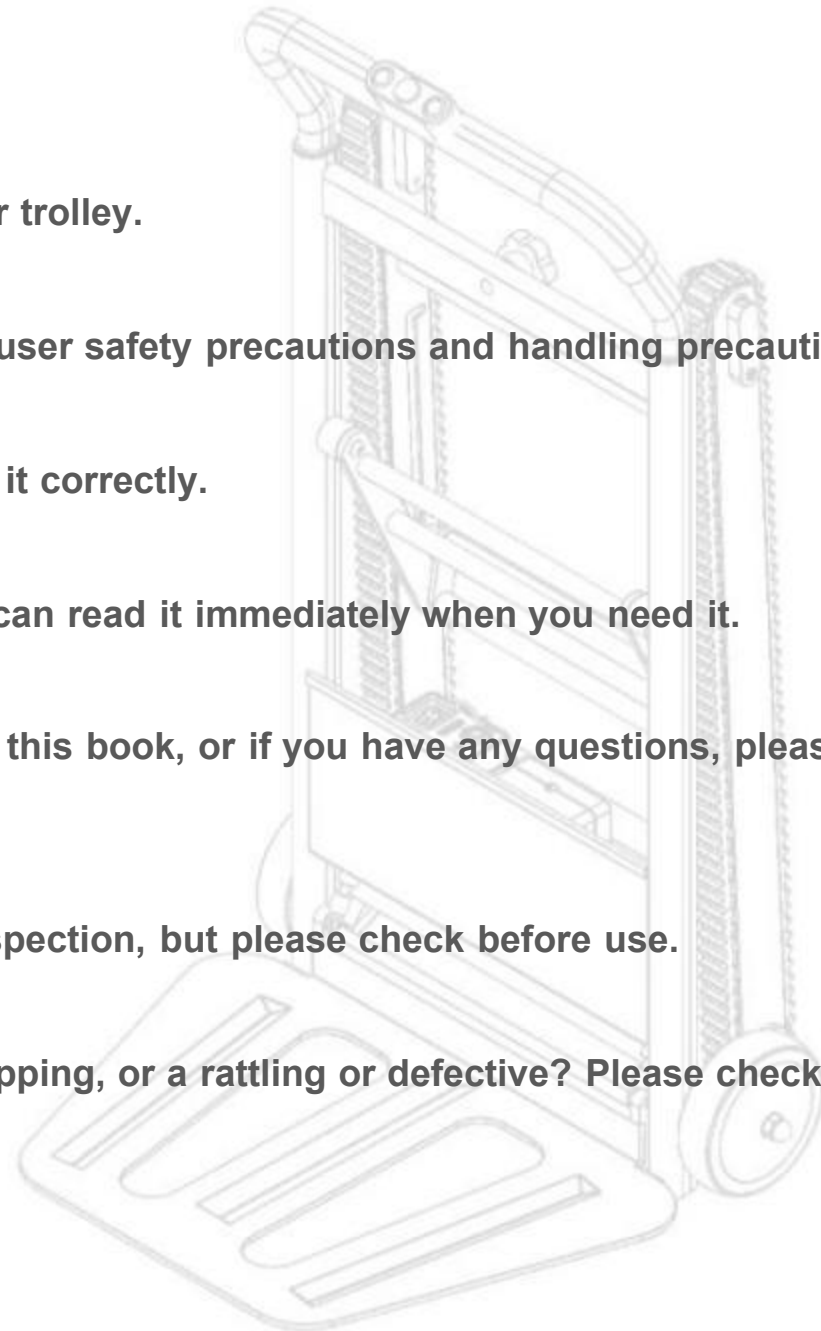


Description




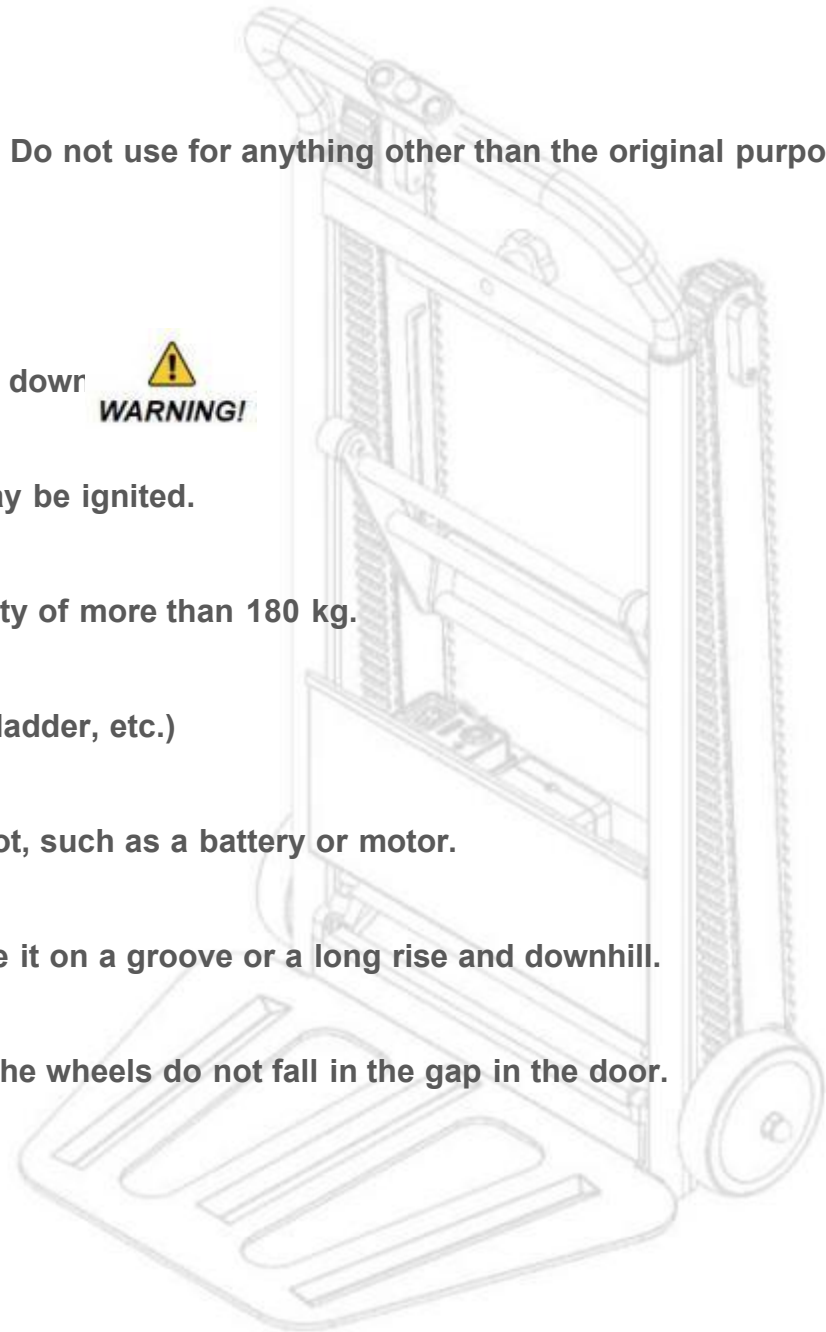
Introduction

- Thank you for purchasing a portable mobile stair trolley.
- This book describes how we use products and user safety precautions and handling precautions.
- Be sure to read well before purchasing and use it correctly.
- Please keep this book in your hand so that you can read it immediately when you need it.
- If you have any questions about the contents of this book, or if you have any questions, please contact us or dealers.
- At the time of shipment, we have a sufficient inspection, but please check before use.
- Is there any damage to parts, a bolt and nut dropping, or a rattling or defective? Please check.

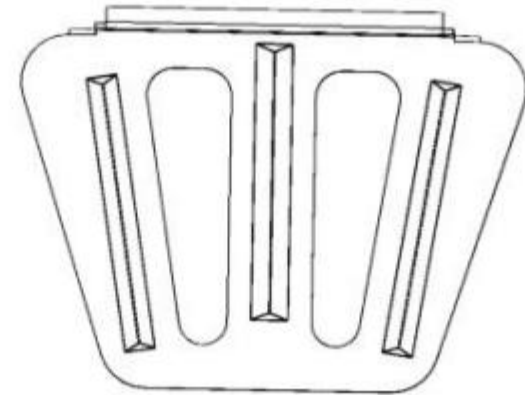
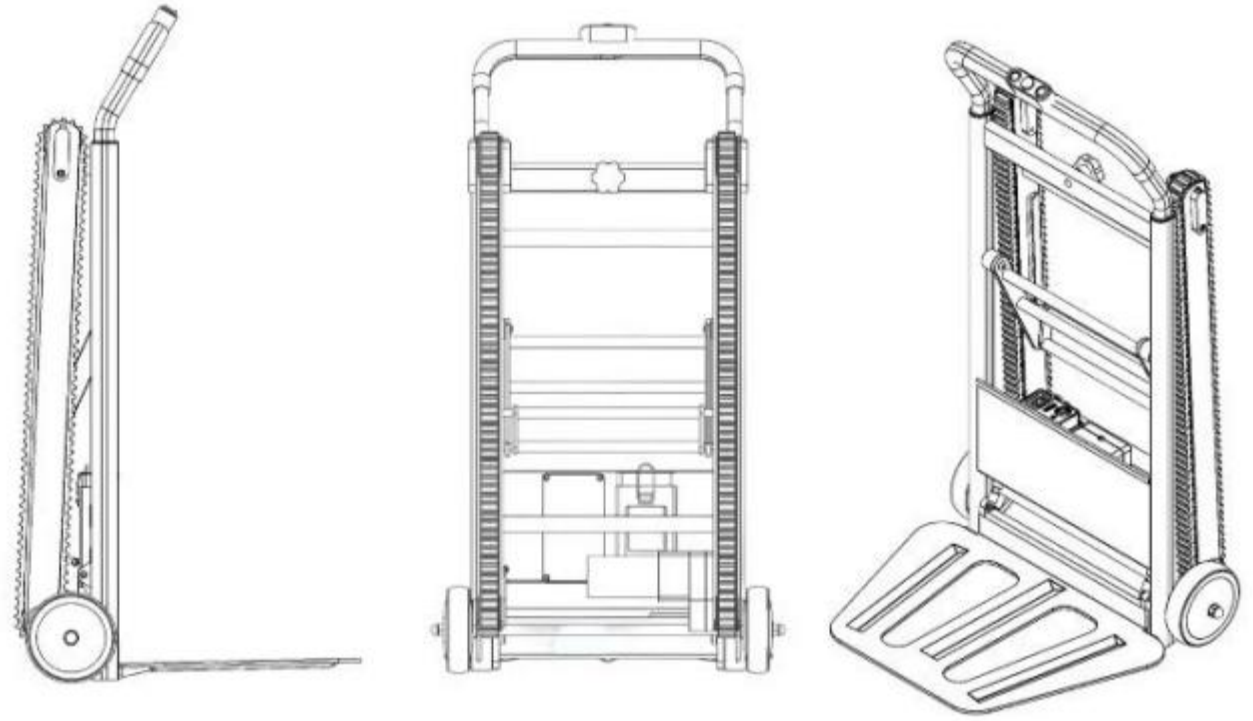


Precaution

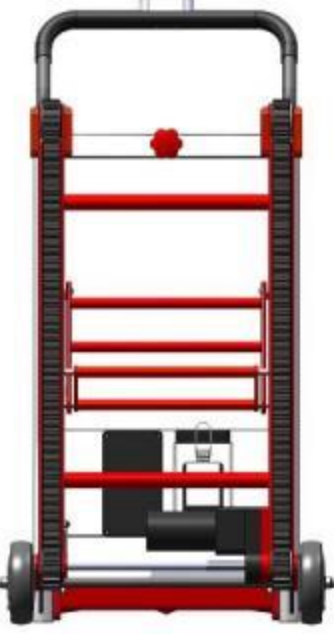
- This carries goods/cargo to the stairs up and down. Do not use for anything other than the original purpose.
- Do not use when there is a failure or abnormality.
- Do not use if it rains or if the road is wet. It may slip down  **WARNING!**
- Do not approach the fire, as the motor or battery may be ignited.
- Please do not use with the maximum loading capacity of more than 180 kg.
- Please do not use special stairs. (Stairs, stairs, stepladder, etc.)
- If you use it for a long time, do not use it if it gets hot, such as a battery or motor.
- When using it as a wheelchair, it is dangerous to use it on a groove or a long rise and downhill.
- When using the elevator, be sure to make sure that the wheels do not fall in the gap in the door.
- Please check, clean and maintain regularly.



Technical Specifications



875mm



504mm

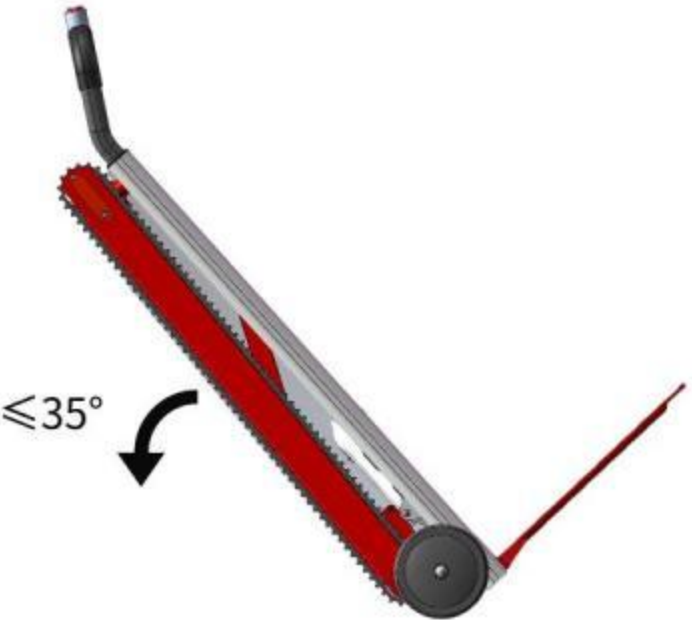


1425mm

304mm



300mm



≤ 35°



486mm

Technical Date



Expanded size: 875mmX504mmX486mm

Folding size: 875mmX504mmX175mm

Packing size: 1050mmX540mmX300mm

Net weight, gross weight: 14Kg, 18Kg

Maximum load-bearing capacity: 60Kg

Stair turntable size: 900mmX900mm

Maximum angle for stairs: $\leq 35^\circ$

Forward speed (load): 0.2m/s

Retreat speed (load): 0.2m/s

Motor power, voltage, speed, speed ratio: 80W, 24V, 3600, 50

Motor type: brushed motor

Battery voltage and capacity: 24V, 5.2AH

Charging time:3h

Usage time after fully charged: 40min (up and down 30 floors)

Charger parameters input: 100~240V, 50/60Hz, 2.0A

Output: 29.4V, 2.0A

Battery life: charge and discharge 600-700 times

Lithium Battery

Prevent Electric Shock and Fire When Handling Batteries.

- Do not use if the battery case is damaged, scratched, or smells bad.
(If there is any abnormality, please contact the dealer or our company immediately.)

- Please do not pour water on the battery or put it in water.

Failure to do so may result in heat generation, fire, damage or malfunction.

- Do not disassemble or replace the battery.
- Do not throw the battery into fire or overheat it.

Failure to do so may result in heat generation, fire, damage or malfunction.

Prevent electric shock and fire when handling fully charged electrical appliances.

- Do not use the appliance with other electrical equipment, otherwise it may cause fire or explosion.

- Please do not get the appliance wet or use it in the rain.

Failure to do so may result in electric shock or fire.

- Insert the power plug fully. Incomplete insertion may cause heat generation, resulting in electric shock or fire.

- Please do not put anything on the wire or fix the wire by pinching.

Failure to do so may result in fire or electric shock.

- Do not touch the power plug or touch the charging terminal with wet hands. Dangerous to touch.

- Do not pick up or wrap the power cord on the main body of the charger when using it.

A damaged power cord may cause fire or electric shock.

- Please do not drop the rechargeable battery or subject it to shock.

Failure to do so may result in heat generation, fire or damage.

Prevent electric shock and fire when fully charged.

- Do not use outlets or wiring devices that exceed the ratings.

Multiple wires, etc. that exceed the rating may cause heat generation and fire.

- Please do not let your skin touch the same part of the charger for a long time while charging. Failure to do so may result in cryogenic injury.

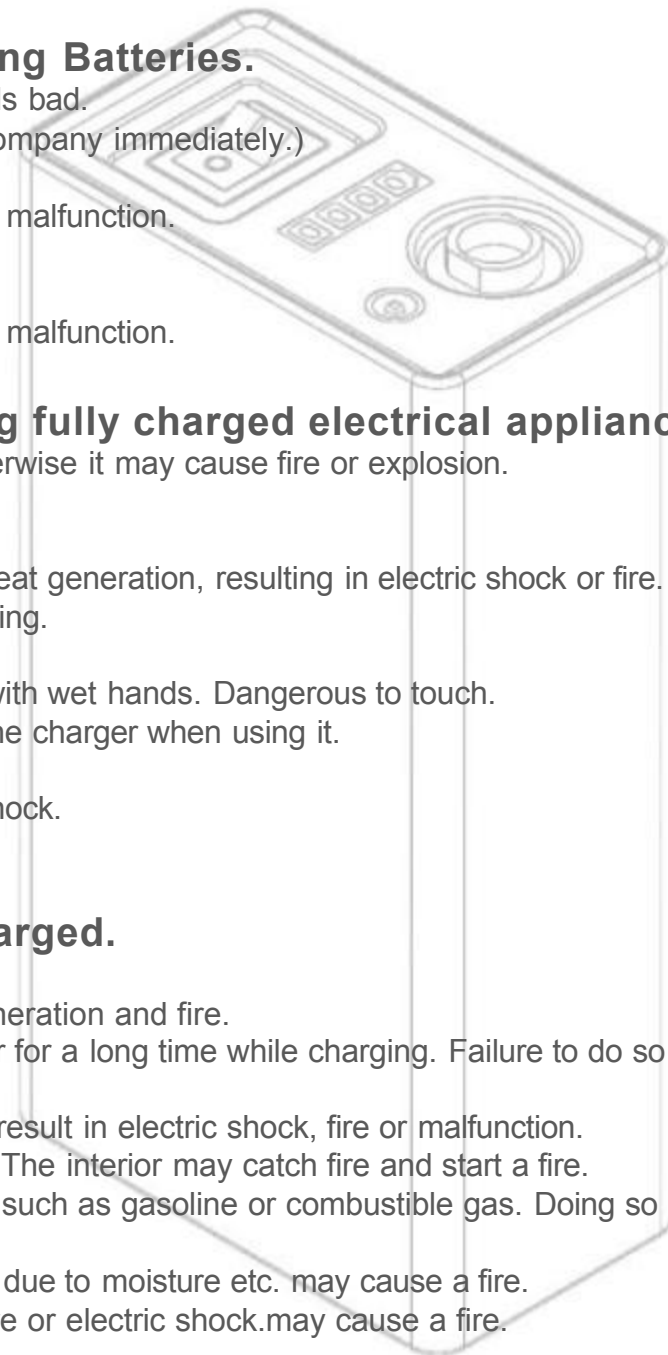
- Keep out of reach of children and pets. Failure to do so may result in electric shock, fire or malfunction.

- Do not cover or place anything on the battery while charging. The interior may catch fire and start a fire.

- Please do not charge the battery near flammable substances such as gasoline or combustible gas. Doing so may result in fire or overheating.

- Regularly remove dust from the power plug. Insulation failure due to moisture etc. may cause a fire.

Do not use if the power cord is damaged. There is a risk of fire or electric shock. may cause a fire.



Lithium-ion batteries are lightweight and have excellent battery capacity, but have the following characteristics

- Performance will degrade in very hot/cold environments.
- Even if the battery is not used, it will avoid fugitive discharge.
- It can be charged regardless of the remaining power.
- Reverse charging a fully charged battery will accelerate fatigue.

Suitable for fully charged environment

Charging may not be performed properly in extremely hot or cold places, please use an environment suitable for full charging below.

- The indoor temperature is between 15 and 25 °C.
- A place that will not get wet from rain or water.
- A place not exposed to direct sunlight.
- A place with good ventilation and no humidity.
- A place out of reach of babies and pets.

Battery life and replacement

The battery capacity will drop to about half of the new one after repeated charging and discharging (700~900 cycles). In addition,

the battery capacity will gradually decrease after being stored for a long time.

The lower the battery capacity, the shorter the range per charge becomes.

If there is no sign of recovery even .

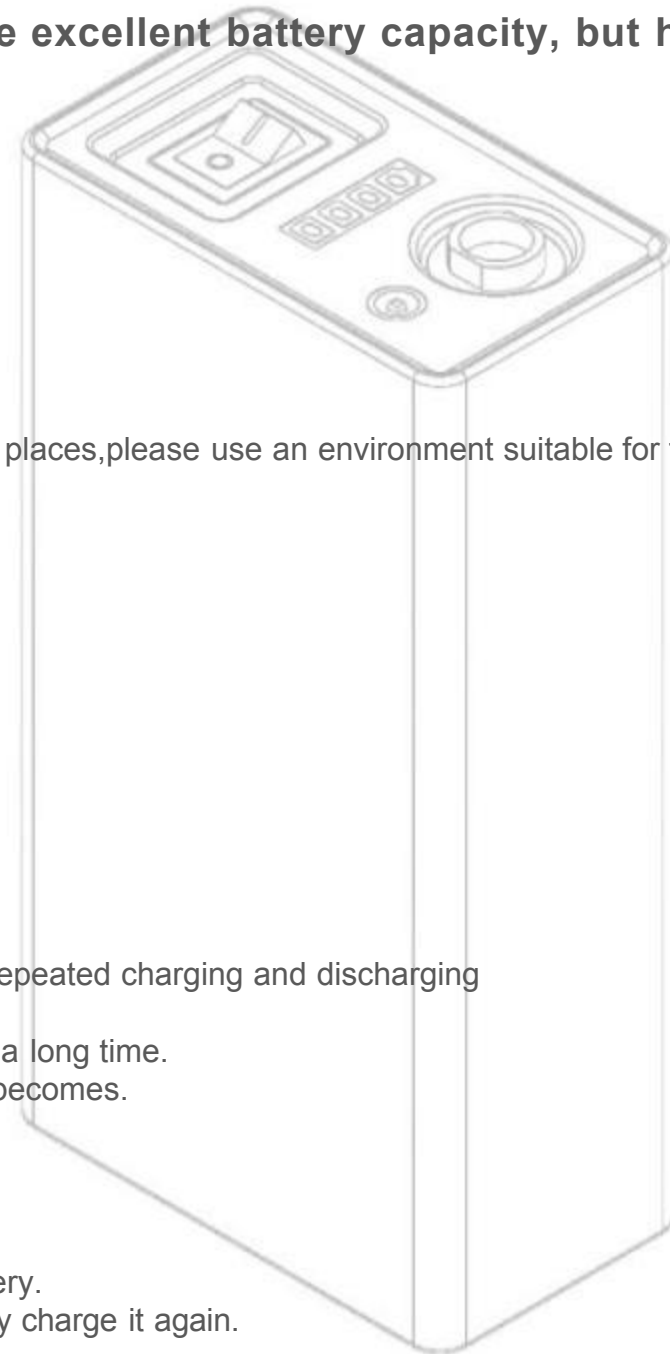
after charging, it is time to replace the battery.

Please replace the battery as soon as possible.

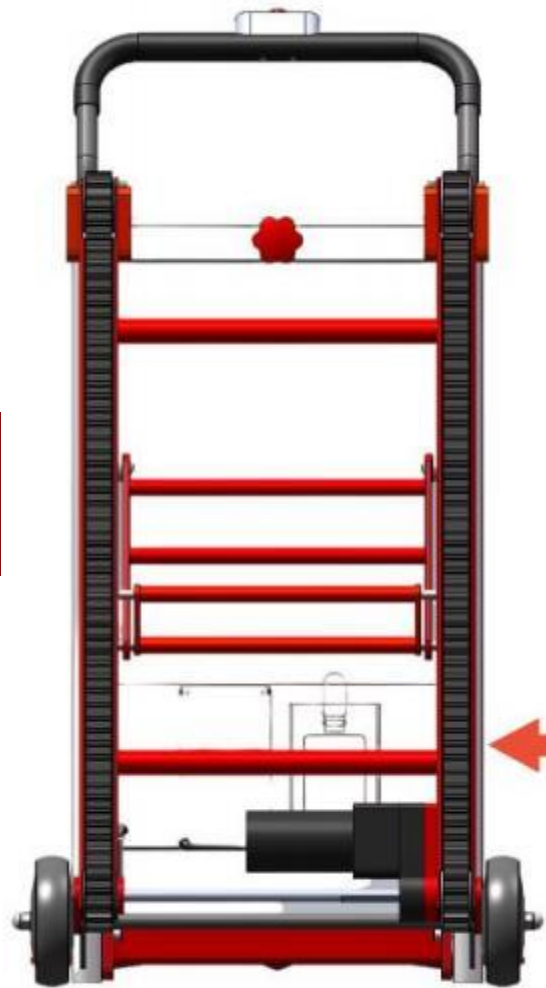
In this case, a replacement fee will be charged.

One cycle" of charge and discharge refers to a fully charged battery.

Use it until the remaining battery power reaches 0 (zero), then fully charge it again.



Lithium Battery

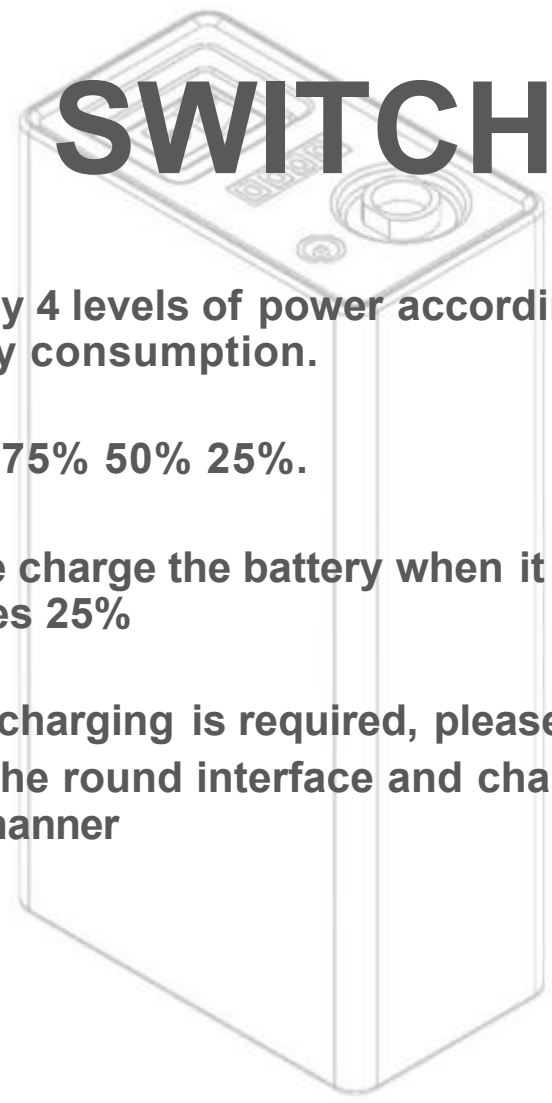


Display 4 levels of power according to battery consumption.

100% 75% 50% 25%.

Please charge the battery when it reaches 25%

When charging is required, please open the round interface and charge in a safe manner



Feature Introduction

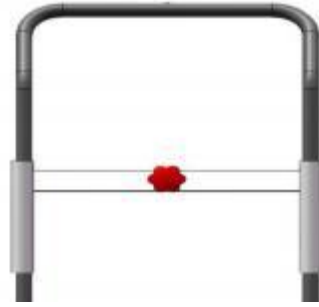


①



Control Switch

②



Lever Adjustment Knob

③



Lithium Battery

④



Foldable Platform

⑤



Track Adjustment Module

⑥



Rubber Tracks

⑦



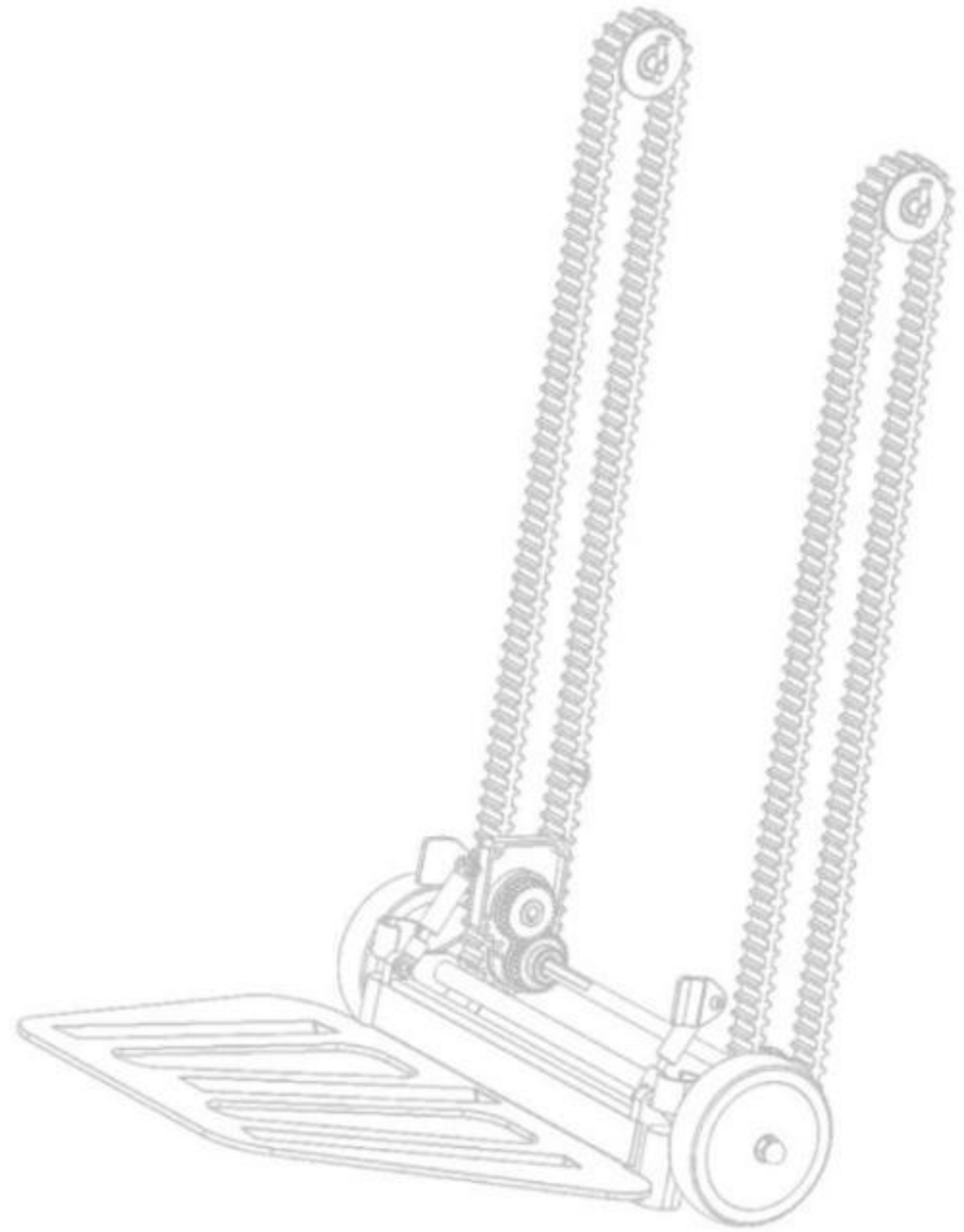
Brushed Motor

⑧



Rubber Wheel

Manual





Open the platform of EMSS-MINI

Turn the red knob to raise the lever

Open the track section of the EMSS-MINI

Making sure it is fully open and locked



Turn on the power switch of EMSS-MINI

Make sure there is some distance between the rear wheels of EMSS-MINI and the first step of the stairs.

Make sure that the tracks of EMSS-MINI and the steps of the stairs are relatively parallel.

Please tilt EMSS-MINI downward until the track can contact the two steps.

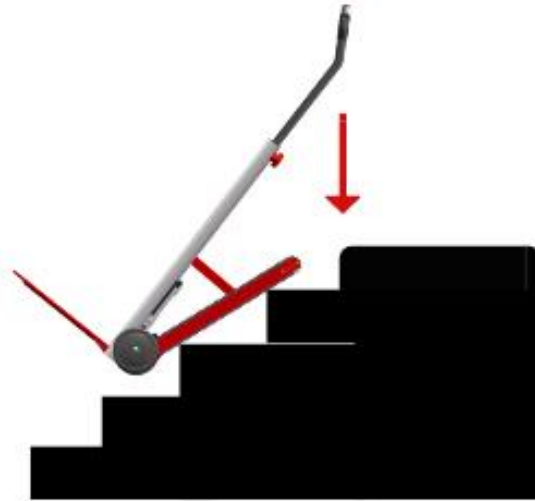
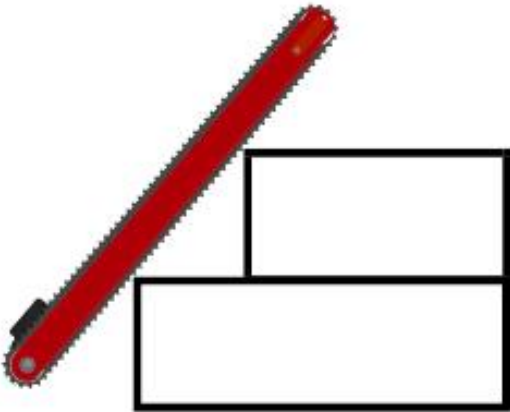


Pay attention to the switch of EMSS-MINI

1: Red-power switch

2: Green-go upstairs

3: Yellow - go downstairs



About the process of climbing up the stairs in EMSS-MINI

1: Please press the green button to go upstairs

2: Please press down slightly when climbing stairs.

Ensure that the crawler part of EMSS-MINI can fully contact the stairs.

This is so that EMSS-MINI can drive more smoothly.



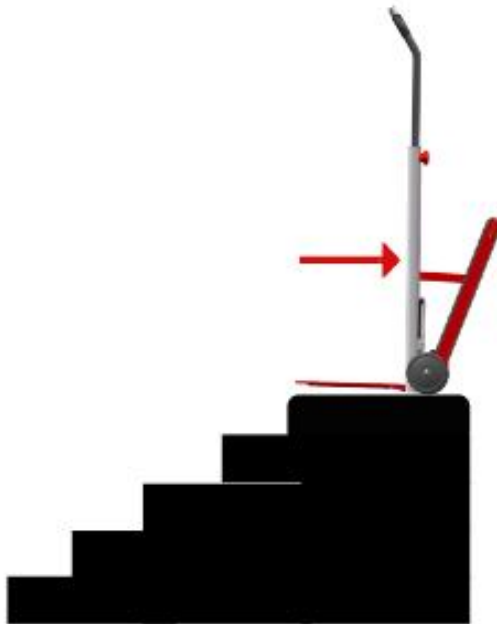
About the process of climbing up the stairs in EMSS-MINI

When reaching the last two steps of the staircase

Don't stop crawling

Please continue to press the green button

Make EMSS-MINI crawl upward smoothly.



About the process of climbing up the stairs in EMSS-MINI

When the rear wheels of EMSS-MINI have just reached the flat surface.

Please continue to press the green button to make the crawler part of EMSS-MINI crawl on flat ground.

Until the EMSS-MINI platform can fully touch the surface.



About the process of climbing downstairs in EMSS-MINI

When the rear wheels of EMSS-MINI have just reached the first step of the stairs.

Please continue to press the yellow button to make the crawler part of EMSS-MINI crawl downwards.

Until the track part of EMSS-MINI can touch the stair steps.



About the process of climbing downstairs in EMSS-MINI

When the crawler part of EMSS-MINI contacts the two steps of the staircase.

Please continue to press the yellow button to make the crawler part of EMSS-MINI crawl downwards.

Press down slightly to allow the crawler part of EMSS-MINI to fully contact the stairs.

About the process of climbing downstairs in EMSS-MINI

When the track part of EMSS-MINI is about to reach the flat surface.

Please continue to press the yellow button to make the crawler part of EMSS-MINI crawl downwards.

Until the rear wheel of EMSS-MINI completely touches the flat surface.



About after EMSS-MINI reaches the plane

First fold the track part of EMSS-MINI.

Turn off battery power.

Tilt the EMSS-MINI to implement on a flat surface.

Packing List



EMSS-MINI



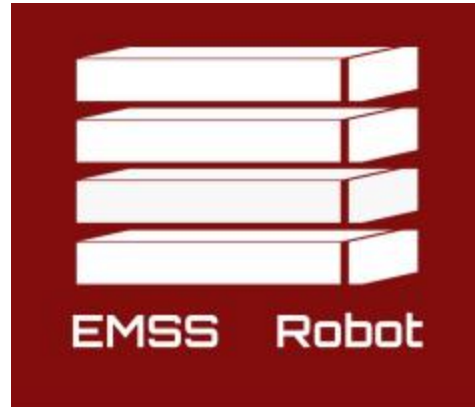
Lithium Battery



Charger



Cargo Safety Belt



JiangSu Emss Science And Technology Co.,Ltd

<https://emssrobot.com>

Plant 6, Tongyang Town Industrial Concentration Zone, Shuyang County, Suqian, Jiangsu, China

