

OWNER'S MANUAL

Motorized Room Maid Cart

Model NO : 23108-MTR



E-Driving Room Maid Trolley

- Intuitive interface for strength enhancement;

A small amount of force is applied to the handle by the pressure sensor to operate the motor without prior practice, familiarization and training.

- Automatic brakes for ease use and safety;

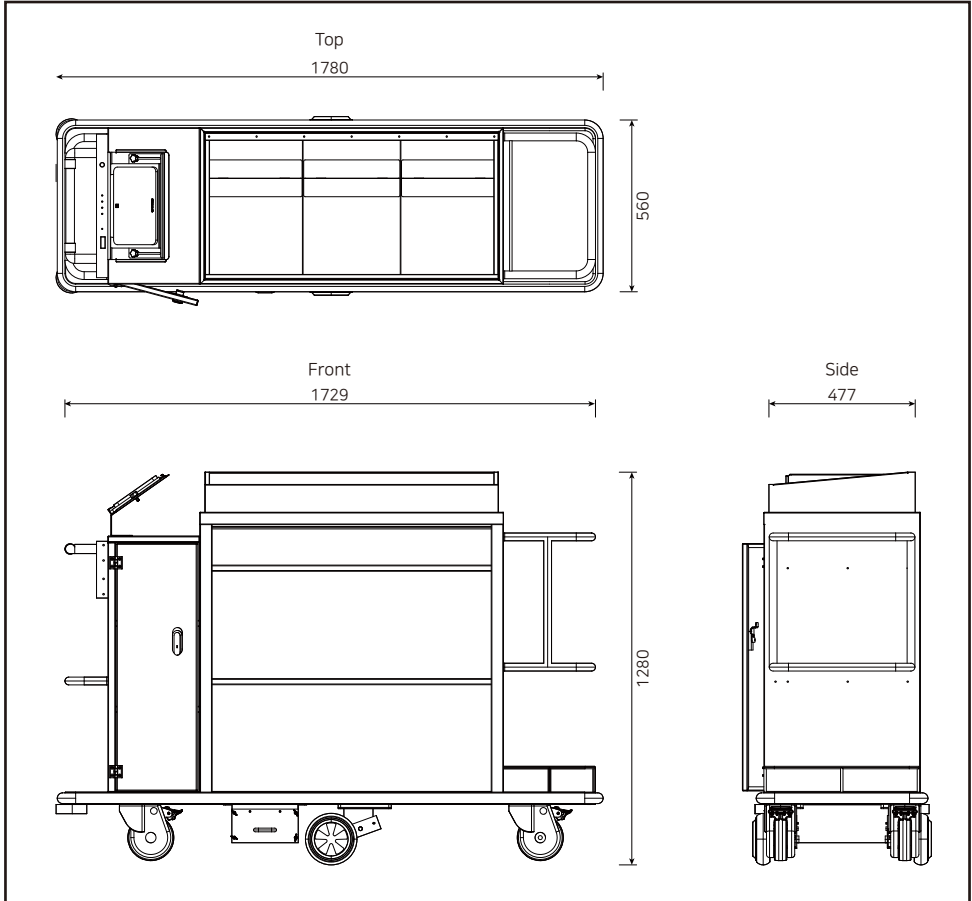
It can be operated like a normal cart without a separate switch operation only by operating the power button by the handle sensor.

Smart Glide System

The pHRI (physical human-robot interaction) technology used in muscle-enhancing wearable robots allows them to transport heavy objects as lightly as if moving on slippery ice.

Specifications

■ E-driving Room Maid Trolley Product Specifications

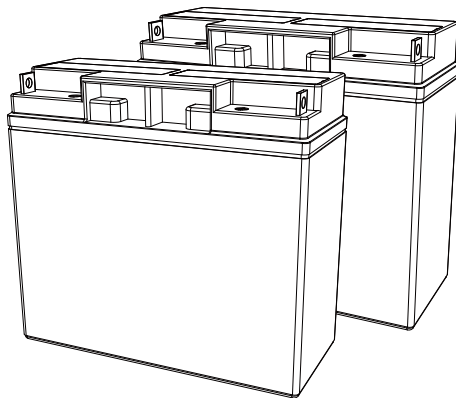


1. Size: L1780 x W560 x H1280 cm
2. Display: Dual LED 4ea
3. Material: Stainless steel 18-10; Powder coated steel;
4. Maximum load(Weight limit): 200kg
5. Max power: 500w
6. Battery: Lead acid battery (Iron phosphate battery)
*NOT INCLUDED IN THE UNIT
7. Use time: 8 hours,
8. Continuous use time: 1 hour
9. Charging time: 6 hours
10. Maximum speed: 4-5 km/h

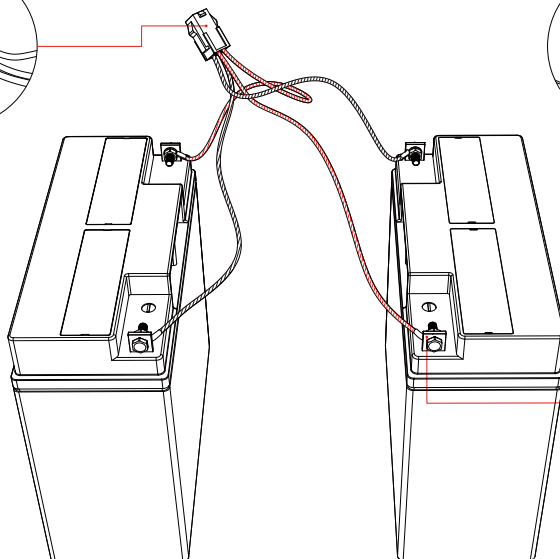
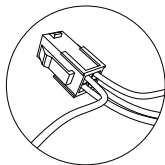
How to assemble the battery

Lead acid battery - 2EA
(iron phosphate battery)

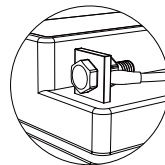
*ES 18-12 (12V, 18AH)



Assemble the red and black cable

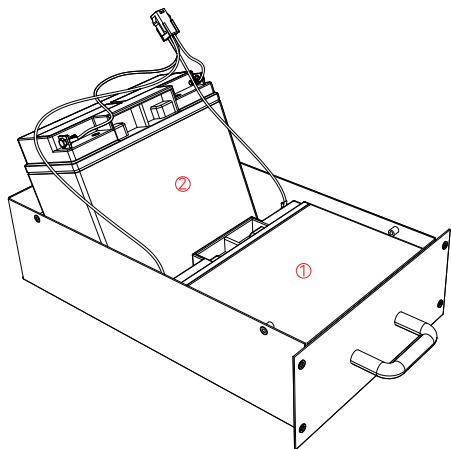


Components for cable assembly

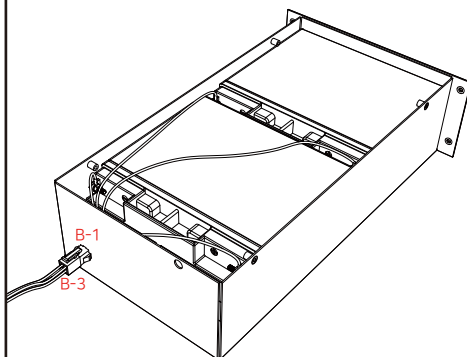


How to assemble the battery

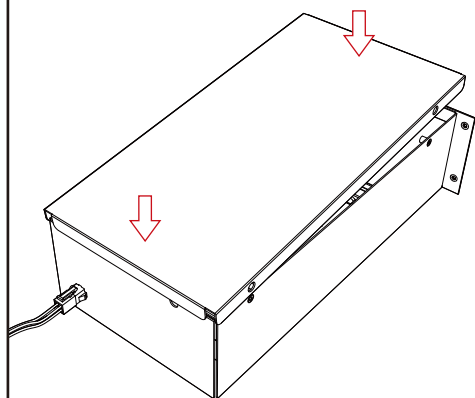
- (1) Place battery #one in the box first
- (2) Place battery #two in the box



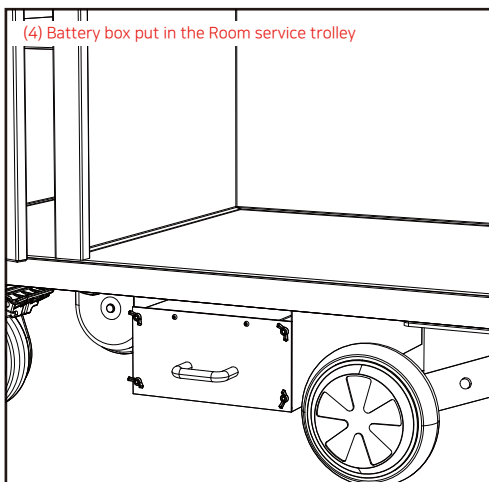
- (3) Connect (B-1) and (B-3)



- (4) Close the cover



- (4) Battery box put in the Room service trolley



Useful Tips

1. Press the power switch to start driving naturally. Avoid holding the handle when pressing the power button to prevent sudden acceleration.
2. If the operation LED blinks, press the reset button. Releasing your hands from the handle will automatically stop the device (brake operation).
3. After 5 seconds, the red LED will turn on, If the operation LED blinks red, connect the unit to recharge.
4. Ensure the battery is charged before it fully discharges, as a completely discharged battery cannot be recharged.
5. To ensure safe operation, always charge the battery when the device is not in use. The battery is fully charged when all four red LEDs are illuminated.

Maintenance & Guide

Routine inspection

Battery Repair: Check that the battery is fully charged before use, and repair any leaks or damage.

Wheel Condition: Check the wheel for instability, and adjust the air pressure (if applicable).

Brake Operation: Check that the brakes operate smoothly and release smoothly.

LED Indicators: Check that all indicator lights are functioning normally and are not dim or flashing.

Cleaning

Clean the exterior surfaces with a soft, damp cloth.

Do not use abrasives or water jets.

Keep wheels and moving parts free of dust and debris.

Storage

Store the cart in a clean, dry indoor environment.

Avoid exposure to extreme temperatures (-30°C to +80°C).

Remove the battery when storing for long periods of time.

Safety Guide

All maintenance and repairs must be performed in a safe location away from traffic.

Use safety supports when servicing or repairing the cart.

Always wear protective gloves when handling electrical or heavy components.

Strictly follow the manufacturer's instructions to avoid voiding your warranty.



Do not...

- Hold the handle and operate the power button
- Operate unless you are an operator
- Load excessive loads
- Exceed the speed limit of 5 km/h
- Use it for other purposes other than the intended
- Use in polluted areas
- Disassemble
- Use it on uneven surfaces
- Charge the battery when in use
- Injure your feet due to inexperience in driving

In case of product defects or mal function, contact us or the service center immediately.

WARRANTY

1. All products from Movendis have passed a rigid quality control inspection and have been found free from defect. if you find a Product defect, please contact your dealer of purchase immediately.
2. All Movendis products are warranted from manufacturer defect for a period of one year from the date of purchase.
3. Movendis or its master distributors reserve the right to inspect defective products or parts of products.
4. Movendis products are designed to be repairable. Movendis or its master distributor reserves the right to ship parts for necessary repairs.
5. Warranty will not cover abuse, neglect or acts of god.
6. Products out of warranty period will not be covered under the warranty.
7. Other questions or claims can be made directly to Movendis or to a master distributor.



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