

取扱説明書

USER MANUAL

WALKCAR®

MTKSR-7/MTKSR-7P



COCOA MOTORS.

ご使用前にこのユーザーマニュアルをよくお読みください。
このユーザーマニュアルは今後参照できるように保管してください。
Read this user manual carefully prior to use.
Keep this user manual for future reference.

1 WALKCAR®' s Features and User Restrictions

WALKCAR® is designed to provide an alternative way of traveling to walking.

You can speed up, slow down, or turn as you go by shifting the center of gravity, without using a handle or a remote controller.

You can carry it around without having to worry about where to park it like a car or a bicycle.

WALKCAR® is designed for people aged 10 to 59, weighing 20 to 80 kg, with a shoe size of 20 cm or larger, who are in a good physical and mental condition capable of maintaining the correct riding position. Anyone under the age of 16 must ride under the supervision of an adult.

Do not use this product if any of the following conditions apply.

- People who have medical conditions that put them at risk from strenuous exercise
- People who have problems with motor skills to maintain balance
- People under the influence of alcohol or drugs
- People during pregnancy

2 Safety Precautions

To prevent harm to people, safety instructions are provided as follows.



WARNING

This symbol indicates a hazard that could result in death or serious injury.



CAUTION

This symbol indicates a hazard that could result in injury.

The following symbols explain the nature of the safety instructions.



This symbol indicates mandatory instructions.



This symbol indicates prohibitions.



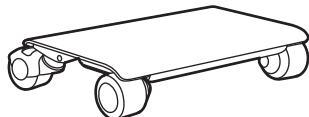
WARNING

There is a risk of death or serious injury.

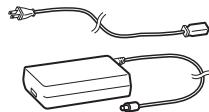
- Do not use this product for any purpose other than traveling, such as competition, amusement, racing or performance games.
- Do not use this product as a step.
- Do not charge, use, or leave this product in a place where the temperature is high, such as near a fire.
- Do not put stickers or paint on the riding board surface.
- Do not put this product into a fire or heat it.
- Do not put nails into this product or subject it to physical shocks.
- Do not disassemble or modify this product.

* We shall not be held responsible for any injury or damage caused by failure to follow the instructions in this manual.

3 Items Included in the Package



Main unit



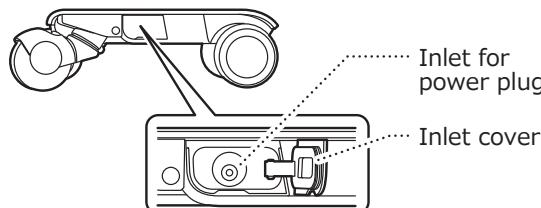
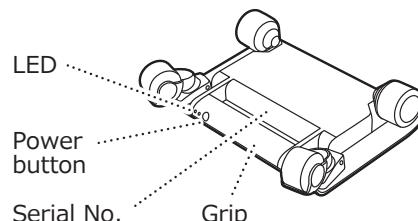
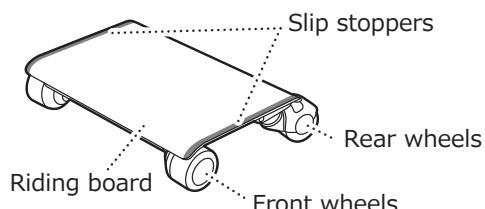
Charger and charging cable



USER MANUAL
(this manual)

- * In case any item is missing or damaged, contact the customer desk without using this product.
- * Do not discard the packing box at the time of purchase. Save it for the storage of this product.

4 Names of Parts



Meanings of product label symbols		
	Read USER MANUAL well and use correctly	
	Wear protection	
	No disassembly, destruction, modification	

5 Charging

Follow the steps below to fully charge WALKCAR® before use.

The LEDs on the main unit light up while charging and light off when fully charged.



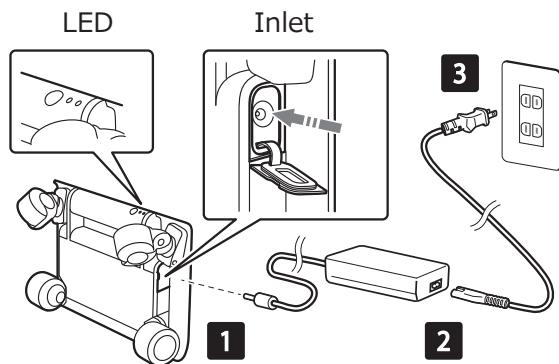
WARNING

There is a risk of fire.

- Use only the dedicated charger.
- Make sure that the charging cable and power plug are not damaged or broken.
- Keep the power plug is free of debris and dust.
- Use a power plug suited to the standard.

- When using a power strip, keep within the allowable range.
- Do not charge with a power supply that exceeds the specified voltage (240 V).
- Do not charge the battery during lightning.
- If you notice any abnormalities, such as unusual odors or smoke, stop charging and contact the customer desk.

Charging procedure



Charge level	Main unit LEDs (Pink) [Orange]
Under 50 %	2 OFF > 1 ON > 2 ON
50 % to 90 %	1 ON + 1 FLASH
90 % to 95 %	2 ON
100 %	2 OFF

*The specifications for WALKCAR 2 Pro are indicated inside brackets.

6-1 Before Riding

CAUTION

There is a risk of injury.

If there are any abnormalities with WALKCAR®, stop using it and contact the customer desk.

Check the following points before use.

- Front and rear wheels are not loose or rattling.
- Tires are not worn, peeled, cracked, or chipped.
- Inlet cover for the power plug is closed.
- There is no strange odor.
- No dirt has adhered to the riding board.

Holding/Carrying/Placing

Lift WALKCAR® by holding its grip.

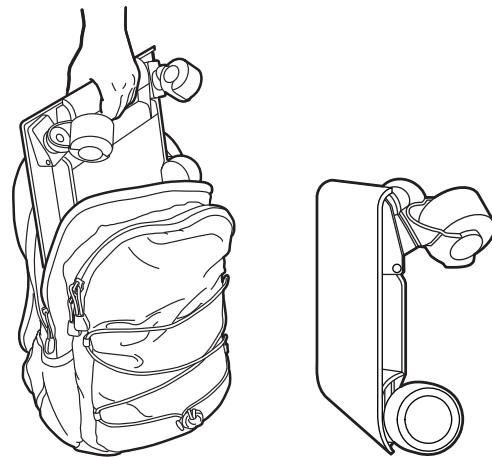
Let it cool down before you store it after use.

Place it on a flat surface with the grip side up.

CAUTION

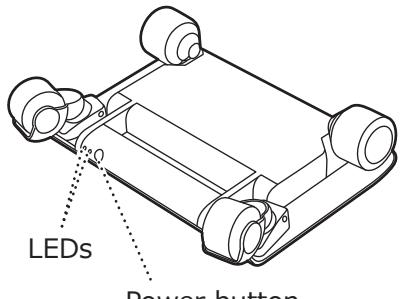
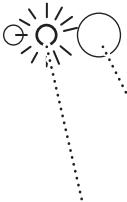
There is a risk of injury.

- Hold it by the grip and do not let it drop.
- Carry it in a bag, etc. as much as possible.
- Do not touch around the front wheel until it has cooled down, as it becomes hot during use. Also, do not store it while it is hot.
- Do not leave this product on the floor or the road with the riding board facing upwards except when using it, as you may fall by accidentally placing your feet on it.



6-2 Before Riding

Turning the power ON *The specifications for WALKCAR 2 Pro are indicated inside brackets.

 Power button LEDs	4 km/h limited mode [6 km/h limited mode]  Power button LED ON	6 km/h limited mode [10 km/h limited mode]  Power button LED ON	10 km/h limited mode [15 km/h limited mode]  Power button LEDs ON
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Press the power button to turn the power ON.

- Press the power button 1 time: 4 km/h limited mode [6 km/h limited mode]
1 LED (Right side) lights ON.
- Press the power button 1 MORE time: 6 km/h limited mode [10 km/h limited mode]
1 LED (Left side) lights ON.
- Press the power button 1 MORE time: 10 km/h limited mode [15 km/h limited mode]
2 LEDs light ON.
- Press the power button 1 MORE time: Power OFF
LEDs light OFF.

Turning the power OFF

- Press the power button 1 time to turn the power OFF after use.

7-1 Riding



WARNING

There is a risk of death or serious injury.

- Use only on dry, flat pavement (asphalt/tile/concrete).
- When using at night, wear high-brightness clothing or safety clothing with reflective materials.
- Use with the correct riding position and proper gear (see 7-3).
- Use it for single-person use only.
- Do not ride this product in the following situations.
 - While wearing headphones or earphones
 - Under the influence of alcohol or medication that affects your senses
 - While carrying a heavy load that affects your balance
 - In bad weather, such as rain, snow, and strong winds
 - When the road surface is wet or icy
 - When the road surface is hot
 - When the road is crowded or busy with traffic
 - While going up or down the stairs
 - While wearing long or loose accessories
 - When barefooted or wearing socks or stockings only
 - When wearing unsuitable footwear (see 7-2)
 - With the heels of your shoes crushed
 - When the soles of your shoes or riding board is wet

- Use per traffic regulations and local laws.
- Follow instructions in “7-3 Correct riding position and proper gear” .
- Always follow local law, regulation, and order when riding this product in public places.

7-2 Riding

Suitable footwear for riding

- ! Use these types of shoes for safe riding.



Sneakers with flat soles

Unsuitable footwear

- 🚫 Avoid these types of shoes for safe riding.



Business shoes, etc.



Shoes with curved or uneven soles



Sandals, etc.



High heels, boots, etc.

Putting WALKCAR® in standby

WARNING

There is a risk of death or serious injury.

- Do not ride when the riding board is wet.
- Do not ride with the riding board unlevel.

1. Turn the power ON.

Press the power button and check that the LED is lit. See "15 LED Lighting Patterns" for details.

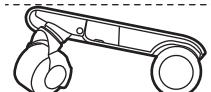
2. Place WALKCAR® on a flat surface.

3. Check the following points.

- Riding board is level.

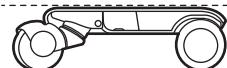
- If the riding board is not level, push it forward and turn the rear wheels to the back, and restore the level position.

Rear wheel



🚫 NOT rideable

Rear wheel

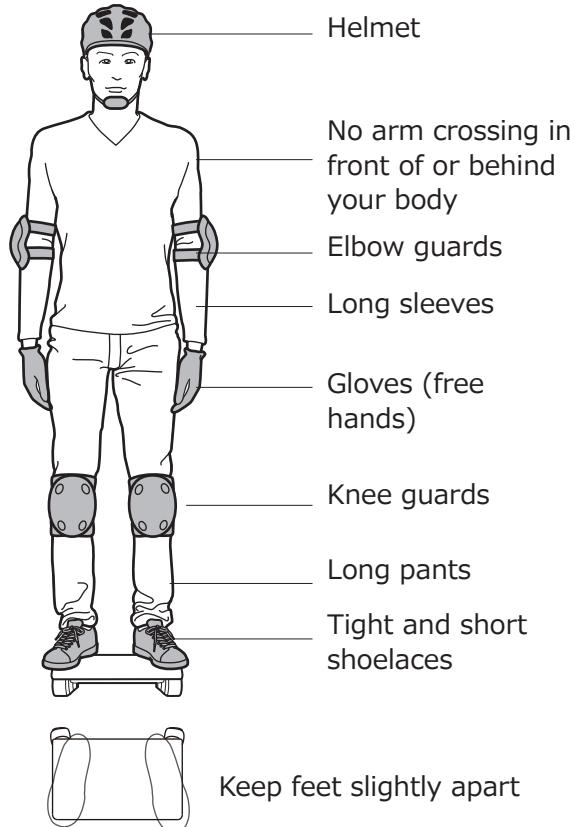


❗ Rideable

- No liquid or dirt has adhered to the riding board
- Inlet cover for the power plug is closed

7-3 Riding

Correct riding position and proper gear



Hazardous ways of riding

WARNING

There is a risk of death or serious injury.

Do not ride as shown below.



Feet together



On one leg



Backward



Sideway



Squat or sit



Jump onto or jump on

7-4 Riding

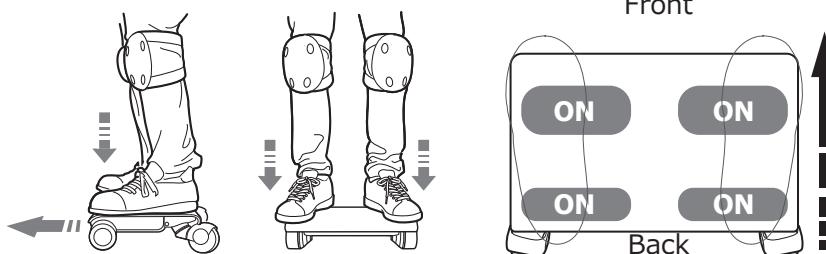
Practice riding as follows until you can control WALKCAR® without losing balance.

- Ride in 4 km/h limited mode [6 km/h limited mode] or 6 km/h limited mode [10 km/h limited mode] until you feel comfortable.
*The specifications for WALKCAR 2 Pro are indicated inside brackets.
- Practice riding in a low-traffic, wide and safe area (maintained and flat road).

Sensors in WALKCAR®

WALKCAR® senses weight by 4 built-in sensors (see the figure) to make movements.

Starting

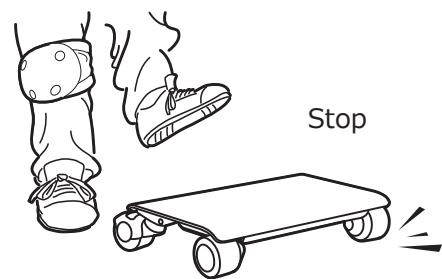


WALKCAR® starts when all the sensors are turned ON.

* WALKCAR® moves forward only.

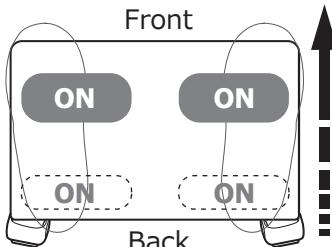
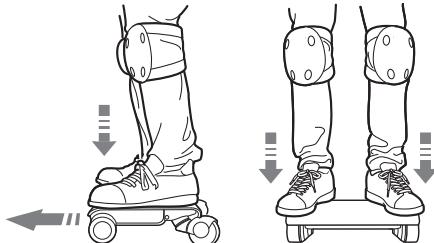
Stopping

- Normal stopping
Keep slowing down until it stops (turn off either sensor on the front).
* See "Slowing down" on the next page.
- Emergency stopping
Get off WALKCAR®. It stops immediately when all the sensors are turned off.



7-5 Riding

Speeding up

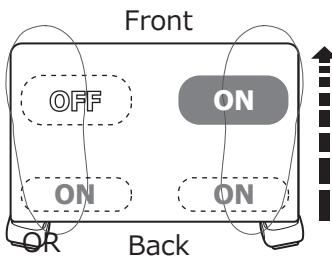
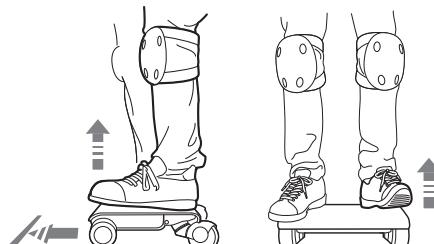


Speed increases when 2 sensors on the front are turned ON.

You can keep increasing speed up to 4 km/h(in 4 km/h limited mode) [6 km/h(in 6 km/h limited mode)], 6 km/h(in 6 km/h limited mode) [10 km/h(in 10 km/h limited mode)] or 10 km/h(in 10 km/h limited mode) [15 km/h(in 15 km/h limited mode)]

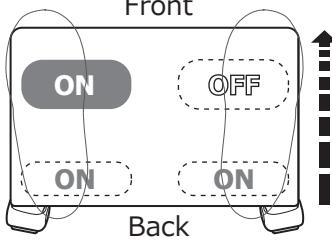
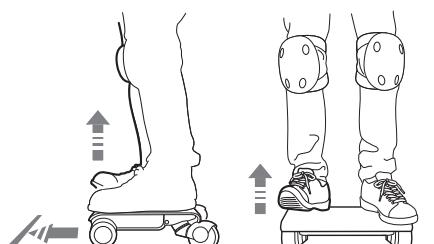
*The specifications for WALKCAR 2 Pro are indicated inside brackets.

Slowing down



Speed decreases when you raise either toe, turning off the corresponding sensor.

If you keep decreasing speed, it keeps dropping until a complete stop.

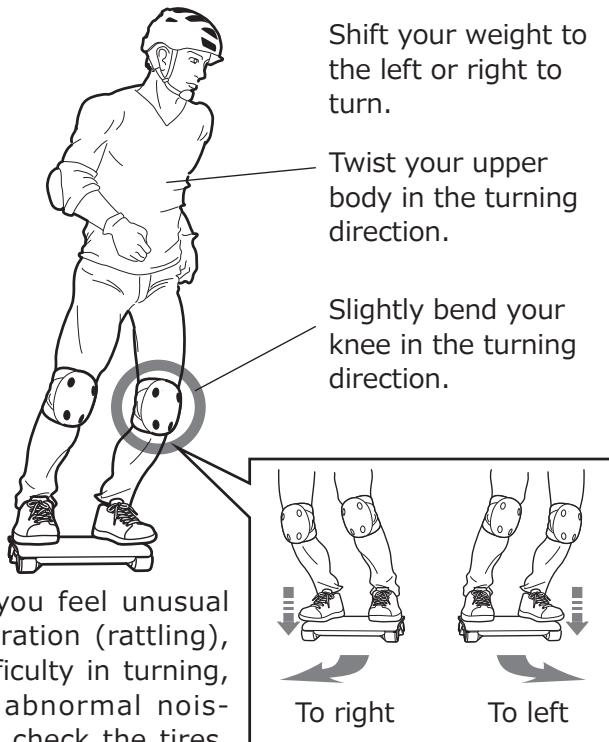


You can raise either your left or right toe to slow down in the same way.

7-6 Riding

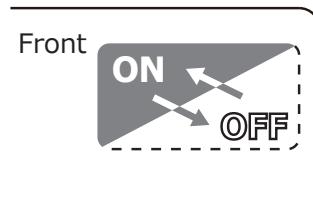
Turning

While moving forward, shift your weight on either leg to turn in that direction. Keep your balance as WALKCAR® turns.



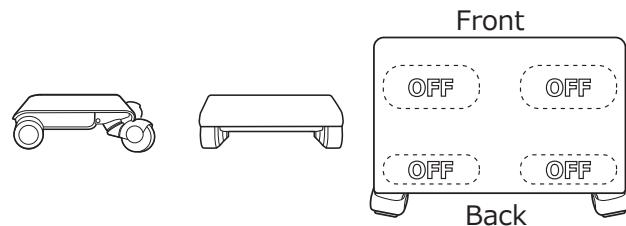
Controlling speed while moving forward

Adjust speed by speeding up and slowing down, by turning on and off the sensors on the front.



You can keep constant speed or make slight adjustments by speeding up and slowing down repeatedly.

When not riding (stopped)



I 8 Cleaning

CAUTION

There is a risk of electric shock.

Do not immerse this product in water. There is a risk of electric shock.



When WALKCAR® has become dirty, follow the procedure below to clean it.

1. Remove dirt around the tires using a toothbrush or the like.
2. Wipe off dirt on WALKCAR® using a damp soft cloth.
3. Dry WALKCAR® using a soft cloth.
* Leather material is used for the handle part. Use a leather cleaner to clean the handle part.



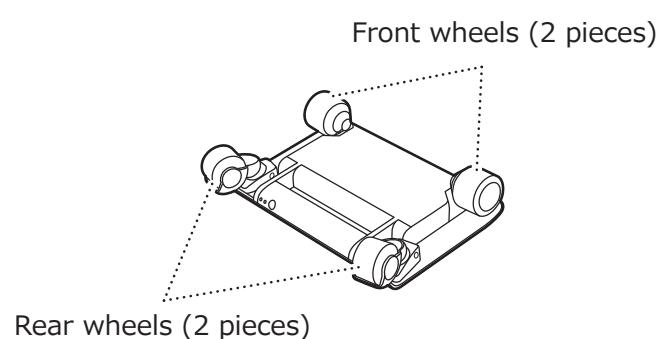
Do not clean in any of the following ways.

- Cleaning with alcohol, gasoline, acetone or other corrosive or volatile solvents
- Cleaning with a pressure washer or pressure hose

I 9 Inspecting

Inspect WALKCAR® as described below.

- Before each use and the first use after storage
 - Tires are not worn, peeled, cracked, or chipped.
 - The main unit does not tilt abnormally when it is placed on a level surface.
 - There is no strange odor.
 - No dirt has adhered to the riding board.

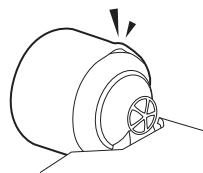


I 10 Changing the Tires

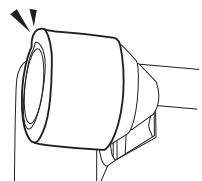
Tires are a consumable item. If the tires show excessive wear, peeling, cracking, chipping, or bulging as shown below, or if there is any unusual noise or rattling while riding, stop using this product and replace the tires. Be sure to use genuine tires. Tires can be purchased online from our website.

[Front wheels]

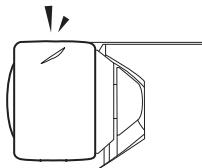
Inside peeled



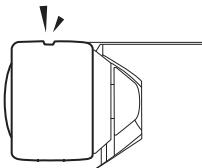
Outside peeled



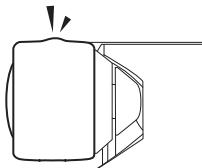
Cracked



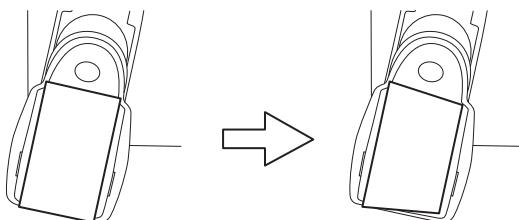
Chipped



Bulged



[Rear wheels] WALKCAR®'s rear tires wear more on the inside as it travels. However, this is due to the characteristics of the product and does not indicate a problem. If you feel difficulty or staggering when making turns, or unstableness while riding, replace the tires.



New

After long distance riding

I 11 Storing

When WALKCAR® will not be used for an extended period of time, store it as below.

1. Turn the power OFF.
2. Close the inlet cover for the power plug.
3. Store it in the original packing box.

! Appropriate condition for storing

- Indoors at a temperature range of 1 to 30 °C
- Where humidity is low
- Where there is little dust

🚫 Inappropriate condition for storing

- Outdoors or where there is much dust
- Where there is direct sunlight
- Inside a vehicle
- Where humidity is high or condensation is likely
- Where there is potential for flooding
- Where temperature is too high or too low

I 12 Disposing

CAUTION

There is a risk of electric shock.

Do not disassemble this product. There is a risk of electric shock.

This product is equipped with a lithium-ion battery. When disposing of this product, follow the local government's collection methods.

13 Troubleshooting

If the problem persists, contact the customer desk.

Problem	Possible cause	Action
The main unit LEDs do not light ON even when the power button is pressed.	The battery may not be fully charged.	See "5 Charging" and charge the battery.
The travel distance on a full charge has become extremely short.	The battery may have deteriorated.	To replace the battery (for a fee), contact the customer desk.
Riding is unstable, or an unusual noise is heard.	The tires may be worn or damaged.	To replace the tires (for a fee), contact the customer desk.
A strange odor or smoke is generated from the main unit.	A failure may have occurred with the electrical component.	Stop using this product and contact the customer desk.
The front wheels do not stop, or the power cannot be turned OFF.	The drive system may have an error or failure.	Wait until the front wheels stop turning and contact the customer desk.
It does not start when ridden even when the battery is adequately charged.	Riding position may be incorrect (not detected by the sensors).	See "7 Riding" and ride correctly.

Problem	Possible cause	Action
The main unit LEDs flash in blue [green] while failing to work.	The internal circuit board is temporarily hot.	It will recover in about 3 minutes. If there is no improvement, please contact the customer desk.
The main unit has become hot.	The heat is from the motor and battery, and it does not indicate a failure.	Wait until it cools down before using it again.
The LED on the charger flashes in red and will not charge.	Charging has been stopped by a protection function.	Disconnect the charger from the outlet and connect it again. If the problem persists, contact the customer desk.

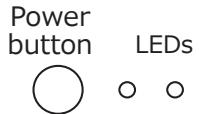
*The specifications for WALKCAR 2 Pro are indicated inside brackets.

14 Questions and Answers

Can I move backward?	WALKCAR® moves forward only.
How do I get an additional charger and charging cable?	Available from our website.
How do I replace the worn wheels (front and rear)?	Available from our website.

For other questions and answers, refer to our website (<https://www.cocoamotors.com>). If the problem persists, contact the customer desk (support@cocoamotors.com).

15 LED Lighting Patterns



The LEDs light ON, flash, or light OFF to indicate the status of WALKCAR® as follows.

*The specifications for WALKCAR 2 Pro are indicated inside brackets.

Color	LED	Mode	Status	
(OFF)	● ●	OFF	Charging	
Blue [Green]	● ☼	ON (1 LED) left	4 km/h limited mode [6 km/h limited mode]	Normal Charge level is 20 % or more
	● ☼	ON (1 LED) right	6 km/h limited mode [10 km/h limited mode]	Normal Charge level is 20 % or more
	☼ ☼	ON (2 LEDs)	10 km/h limited mode [15 km/h limited mode]	Normal Charge level is 20 % or more
Pink [Orange]	☼ ●	ON (1 LED) left	4 km/h limited mode [6 km/h limited mode]	Normal Charge level is under 20 %
	● ☼	ON (1 LED) right	6 km/h limited mode [10 km/h limited mode]	Normal Charge level is under 20 %
	☼ ☼	ON (2 LEDs)	10 km/h limited mode [15 km/h limited mode]	Normal Charge level is under 20 %
	☼ ☼		Charging	Normal Charge level is 90 % to under 100 %
	☼ ●	FLASH (1 LED) left	4 km/h limited mode [6 km/h limited mode]	Normal Charge level is 0 %
	● ☼	FLASH (1 LED) right	6 km/h limited mode [10 km/h limited mode]	Normal Charge level is 0 %
	☼ ☼	FLASH (2 LEDs)	10 km/h limited mode [15 km/h limited mode]	Normal Charge level is 0 %
	Repeat "OFF > 1 ON > 2 ON"		Charging	Normal Charge level is under 50 %
	☼ ☼	ON+FLASH	Charging	Normal Charge level is 50 % to under 90 %
	☼ ☼	ON (2 LEDs)	Traveling	15 km/h limited mode 10 km/h limited mode
	☼ ☼	FLASH (2 LEDs)		6 km/h limited mode 4 km/h limited mode
Blue [Green]	☼ ☼	FLASH (2 LEDs)	Unladen	
			The internal circuit board is temporarily heated, but it will recover in about 3 minutes. If there is no improvement, please contact the customer desk.	

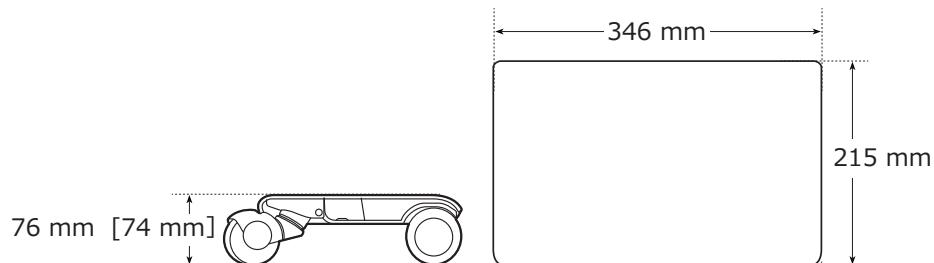
16 Specifications of this Product

Basic specifications *The specifications for WALKCAR 2 Pro are indicated inside brackets.

Product Name	WALKCAR 2 [WALKCAR 2 Pro]
Model	MTKSR-7 [MTKSR-7P]
Target Weight	20 to 80 kg
Target Age	10 to 59 *Anyone under the age of 16 must ride under the supervision of an adult.
Max. Speed	10 km/h(in 10 km/h limited mode)[15 km/h(in 15 km/h limited mode)] 6 km/h(in 6 km/h limited mode)[10 km/h(in 10 km/h limited mode)] 4 km/h(in 4 km/h limited mode)[6 km/h(in 6 km/h limited mode)]
Max. Output	380 W [460 W]
Rated Output	260 W
Energy (Rechargeable Battery)	Lithium ion (Li-ion), 68 Wh
Full Charge Time	60 minutes
Travel Distance on Full Charge	7 km [8 km] * 60 kg load, in our test environment
Required Power	100 to 240 V, 50/60 Hz

Dimensions (length, width, height)	215 mm × 346 mm × 76 mm [74 mm]
Weight	2.9 kg
Operating Environment	-10 to 40 °C
Max. Climbing Capacity	10 degrees [12 degrees]
* 60 kg load, in our test environment	
Min. Turning Radius	0.8m [1.1m]
* This is the approximate turning radius when driving at 6 km/h. This value changes depending on the road surface, the weight of the passenger, how the passenger apply weight, etc.	

The above figures are subject to change due to factors such as the operating environment.



I 17 Warranty (Repair and Replacement)

We have taken all possible precautions to ensure the quality of this product. However, if a defect occurs while using the product per contents of the USER MANUAL during the warranty period (3 months from the date of shipment), the product will be repaired or replaced free of charge. There may be scratches or stains on the outer box or packing material during delivery. In rare cases such as these, we may not handle it as a defective product unless it affects the main unit and accessories. Note that the customer will be responsible for any repair costs (repairing and shipping) after the warranty period has expired. To request a repair or replacement, contact the customer desk (support@cocoamotors.com).

* Note that the following cases are not covered by the warranty, even within the warranty period.

- Damages on the exterior of the main unit that occurred after opening the package
- Failures due to modification by the customer
- In the absence of a serial number or an image of the product in question
- Failures or damages caused by usage contrary to the contents of the USER MANUAL
- Failures or damages due to natural disasters such as fire, wind and water damage, lightning, earthquake, tsunami, or eruption
- Failures or damages due to excessive impact from falling, slipping, or collision or the like while riding
- Failures or damages due to improper handling during transportation or travel by the customer
- Wear and damage of consumables (tires) and deterioration of the battery
- Failures or damages due to natural wear and tear, rust, mildew, humidification, rot, deterioration, discoloration, or other similar reasons
- Failures or damages due to external factors such as dropping or wetting of the product
- If the condition of the product cannot be confirmed due to the absence of the product for reasons such as theft, loss, or misplacement

* This product may correspond to a hazardous material for air transportation. Due to local laws and regulations, the repaired product may become difficult to deliver or may have to be shipped by sea.

| 18 Inquiry (Customer Desk)

Email address: support@cocoamotors.com

| 19 Certification

For details of the certification that this product has obtained, refer to our website:
<https://www.cocoamotors.com>

| 20 Trademarks and Changes to the Specifications

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Some of the features described in this document may not apply to your product.

cocoa motors.Inc. reserves the right to change the specifications of this product and the contents of USER MANUAL.



COCOA MOTORS.