

GB

CORDLESS LAWN MOWER

Original Instructions



READ & UNDERSTAND INSTRUCTION MANUAL

Save all warnings and instructions for future reference.



SCAN FOR WHATSAPP SUPPORT

YARD FORCE

LM P46A Original Instructions

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INTENDED USE

The device is exclusively designed for mowing private lawns. This lawnmower has been designed for cutting grass. The machine is to be used only for its prescribed purpose, any other use is deemed to be a case of misuse.

Please note that our equipment has not been designed for use in commercial, trade or industrial applications. Our warranty will be voided if the machine is used in commercial, trade or industrial businesses or for equivalent purposes.

SAFETY

This operating manual is part of the cordless lawn mower (hereinafter also called "device"). It contains important information on how to set up and use the product.

Before using the device, read the operating manual carefully, in particular the safety instructions. Failure to follow this operating manual may lead to severe injuries or product damage.

This user manual is based on the standards and regulations that are valid within the European Union. Outside the EU, please also note the country-specific directives and laws.

Keep this operating manual for future reference. If you pass this device on to a third party, you must also supply this operating manual.

**IMPORTANT
READ CAREFULLY BEFORE USE
KEEP FOR FUTURE REFERENCE**

SAFETY

The manufacturer or retailer assume no liability for damage caused by improper or incorrect use.

The following signal words are used in this operating manual.

WARNING!

This signal symbol/word denotes a hazard with an average risk level that could lead to death or severe injury if it is not avoided.

NOTE!

This signal word provides a warning about potential material damage.

TRAINING

1. Read the instructions carefully. Make yourself familiar with the controls and the proper use of the machine.
2. Never allow people who are not familiar with these instructions or children to use the machine. Local regulations may limit the age of the user.
3. It must be noted that the user is responsible for accidents or hazards towards other people or their property.

PREPARATION

1. When operating the machine, hearing protection and protective goggles must always be worn as long as the machine is in operation.
2. Before use, the connection and extension cables must always be checked for signs of damage or aging. If the cable is damaged during use, it must be disconnected

SAFETY

from the power supply immediately. **DO NOT TOUCH THE CABLE BEFORE IT IS DISCONNECTED FROM THE MAINS.** Do not use the machine if the cord is damaged or worn.

3. Always wear sturdy shoes and long trousers when operating the machine. Do not operate the machine barefoot or in light sandals. Avoid wearing loose clothing or clothing with dangling strings or ties.
4. Carefully inspect the area where the machine will be used and remove any objects that the machine could catch and throw away.
5. Use the machine only in the recommended position and only on a firm, level surface.
6. Do not operate the machine on paved or graveled surfaces, where material thrown out can lead to injuries.
7. Before switching on the machine, always check whether all screws, nuts, bolts and other fastenings are well secured and that the protective devices and protective grids are in place. Worn or damaged stickers must be replaced.
8. Never operate the machine while people, especially children, or animals are nearby.

OPERATION

1. Work only in daylight or under good artificial lighting.
2. Avoid using the machine when the grass is wet.
3. Always make sure that the machine is always in a good position, especially on slopes. Avoid abnormal posture and always keep your balance.
4. Walk, do not run.
5. Operate the machine at right angles to the slope, never up or down.

SAFETY

6. Be especially careful when changing the direction of travel on a slope.
7. Do not use the machine on excessively steep slopes.
8. Stop the mower when transporting over different surfaces other than grass.
9. Never use the machine with damaged safety devices or without mounted safety devices.
10. Start the motor carefully, according to the operating manual and make sure that there is sufficient distance between the feet and the blade.
11. When starting the machine, the machine must not be tilted, unless the machine has to be lifted for the operation. In this case, tilt the machine only as far as absolutely necessary and lift only the side facing away from the user. Always make sure that both hands are in working position before the machine returns to the floor.
12. Never transport the machine while the blade is running.
13. Never put hands or feet on or underneath rotating parts. Always stay away from the ejection opening.
14. Switch off the motor and make sure that all moving parts have come to a complete stop:
 - a. Whenever you leave the machine;
 - b. Before you remove blockages or clear blockages in the ejection channel;
 - c. Before checking, cleaning or working on the machine;
 - d. After contact with a foreign body. Inspect the machine for damage and carry out the necessary repairs before you start again and work with the machine.
15. If the machine starts to vibrate unusually strong, an immediate check is necessary;

SAFETY

- a. Look for damages;
 - b. Carry out the necessary repairs of damaged parts;
 - c. Check for loose parts and tighten them.
16. Keep children away from the mower and the connection cable.
17. Do not leave children unattended during operation.

SERVICE

1. Have your machine serviced by a qualified repair person using only identical replacement.
2. Only use parts and accessories made for this machine by the manufacturer. Failure to do so can result in personal injury.

VIBRATION AND NOISE REDUCTION

To reduce the influence of vibration and noise, limit working hours and wear personal protective equipment.

Observe the following points to keep the vibration and noise exposure low:

1. Use the product only as intended according to the design and instructions.
2. Make sure that the product is in a good condition and well maintained.
3. Use the correct accessories and ensure that it is in good condition.
4. If excessive vibrations occur, e.g. due to a jammed stone, turn off the machine, disconnect the safety key and check the blade. If necessary, have the machine checked by a specialist.

SAFETY

5. Hold the product firmly but not squeeze by the handles provided.
6. Maintain the product according to this manual and keep it well lubricated.
7. Plan your working hours according to these operating instructions in order to distribute a higher load over a longer period of time.

RECOMMENDATION

Do not operate the machine in bad weather conditions, especially not in case of danger of lightning.

EMERGENCY

1. Familiarize yourself with the use of the product by reading the manual completely. Remember the safety instructions and follow them carefully. This will help you to avoid risks and dangers.
2. Always be attentive when using the product so that you can identify and react to hazards at an early stage. Rapid intervention can prevent serious injury and damage to property.

RESIDUAL RISKS

Even if you use this tool in accordance with the regulations, there are always residual risks. The following hazards can occur in connection with the design and construction of this tool:

1. Injuries and material damage caused by flying parts.
Hearing damage if you do not wear suitable hearing protection or use the power tool for a long period of time.

SAFETY

2. Damage to health resulting from hand-arm vibrations if the power tool is used for a long period of time or is not properly operated and maintained.



WARNING! RISK OF ELECTRIC SHOCK!

This machine generates an electromagnetic field during operation. Under certain circumstances, this field can affect active or passive medical implants. To reduce the risk of serious or fatal injuries, we recommend that persons with medical implants consult their physician and the manufacturer of the medical implant before operating the machine!

GENERAL SAFETY



WARNING! RISK OF SHORT CIRCUIT!

Penetrated liquids can cause a short circuit in the machine.

- If you then come into contact with the machine, you may be injured by electric shock. The machine can also be damaged by a short circuit.



WARNING! DANGER OF ELECTRIC SHOCK!

- Do not operate the machine if it shows visible damage.
- Do not change the motor settings. Do not overload the motor.
- Do not immerse the machine in water or other liquids.
- Never use the power cord as a carrying handle. Always carry the machine by its carrying handle.

SAFETY

- Do not bend the power cord or place it over sharp edges.
- Ensure that no objects are inserted into the machine housing.
- Switch off the machine and disconnect the safety key when it is no longer in use, for cleaning or maintenance purposes or if a fault occurs.
- If the power cable from the motor to the start button is damaged, it must be replaced by the manufacturer or its customer service department or a similarly qualified person in order to avoid hazards.



WARNING! DANGER OF SHARP BLADE!

The machine uses a fast blade. You could injure yourself or others with them if handled carelessly. Small objects (stones, sticks, wires, bones, etc.) can be thrown away from the mower by the rotation of the blade. This can cause serious injuries to yourself or others.

- Never lift or carry the machine while the motor is running.
- Remember that as an operator, you are responsible for accidents or risks involving other persons or their property.
- Ensure that all nuts, bolts and screws are tightened securely so that the mower is in a safe working condition.
- The blade continues to rotate for a short time after the machine has been switched off. Wait for the blade to stop before lifting, carrying, tilting or transporting the mower.
- Never place hands or feet on or under rotating parts. Always keep your hands and feet away from the ejector opening.
- Make sure that there is sufficient distance between the feet and the blade.
- Switch off the mower and disconnect the power safety key

SAFETY

before lifting, carrying or tipping the machine to another location.

- Never place hands or feet on or under rotating parts. Always keep your hands and feet away from the ejector opening.



WARNING! DANGER OF EXPLOSION!

The blade of the machine or objects thrown away can cause sparks when hitting metal. These sparks can ignite flammable liquids, gases or dust.

- Do not use the machine in environments where there is a risk of explosion due to flammable liquids, gases or dust.



WARNING! RISK OF INJURY!

Hazards for children and persons with reduced physical, sensory or mental abilities (e.g. partially disabled, elderly persons with reduced physical and mental abilities) or lack of experience and knowledge (e.g. older children).

- This mower can be used by persons with reduced physical, sensory or mental abilities or lack of experience and knowledge, if they have been instructed or instructed in the safe use of the mower and understand the resulting dangers. Children must not play with the mower.
- Keep children away from the mower and the connecting cable.
- Do not leave the mower unattended during operation.
- Do not let children play with the packaging film. Children can get caught and suffocate while playing.



NOTE: DANGER OF DAMAGE!

SAFETY

Improper handling of the machine may result in damage to the machine.

- Never expose machine to high temperatures (heating, etc.) or weather conditions (rain, etc.).
- Never fill liquid into the machine.
- Never immerse the machine in water for cleaning and never use a steam cleaner for cleaning. The machine may otherwise be damaged.
- Do not use the machine if the plastic components of the machine have cracks or fissures or have become deformed. Only replace damaged components with suitable original spare parts.
- Switch off the machine when areas other than grass are crossed and when transporting the machine to and from the area to be worked.
- Do not change the controller setting of the motor or over-rotate it.
- Check the collection bag regularly for wear or damaged parts.

SYMBOLS

SAFETY SYMBOLS

The purpose of safety symbols is to attract your attention to any possible dangers. The safety symbols and their explanations deserve your careful attention and full understanding. The symbol warnings do not, by themselves, eliminate any danger. The instructions and warnings they give are no substitute for proper accident prevention measures.



WARNING: Be sure to read and understand all safety instructions within this operator's manual, including all safety alert symbols such as "**DANGER**", "**WARNING**", and "**CAUTION**" before using this tool. Failure to follow all instructions listed below may result in electric shock, fire and/or serious personal injury.

SAFETY ALERT SYMBOLS: Indicate **DANGER**, **WARNING**, or **CAUTION**. May be used in conjunction with other symbols or pictographs.

SYMBOL MEANINGS

This page depicts and describes safety symbols that may appear on this product. Read, fully understand and follow all instructions on the appliance before attempting to assemble and operate.

SYMBOLS

WARNING SYMBOLS ON THE MOWER



Caution! Read the user manual prior to start-up!



Declaration of conformity (see chapter “Declaration of conformity”): Products marked with this symbol meet all the applicable Community regulations of the European Economic Area.



Conforms to relevant UK regulatory requirements.



Keep bystanders away. Objects thrown by the product could hit the user or other bystanders. Always ensure that other people and pets remain at a safe distance from the product when it is in operation.



Beware of sharp blades. Blades continue to rotate after the motor is switched off. Remove disabling device before performing any maintenance tasks.



There is a danger of electric shock. Take care not to drive over the flexible extension cable when mow. The roller would cut it. Always hook the cable into the cable safety catch.

SYMBOLS

IPX4 Protection against splashing water from all directions.



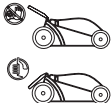
To avoid potential electric shock, do not use the unit in humid or wet conditions.



Guaranteed sound power level value is 96 dB.



Wear ear protection, eye protection and gloves when using the product.



Never use mower unless the grass catcher or guard provided is in position.



WEEE symbol. Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or local store for recycling guidelines.

SYMBOLS

WARNING SYMBOLS ON THE BATTERY PACK



To reduce the risk of injury, user must read instruction manual carefully.



Keep away from water.



Keep well away from fire.



Do not subject the battery to strong sunlight or heat over long periods of time. (max.45°C).



Li-Ion

WEEE symbol. Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your local authority or local store for recycling guidelines.



Declaration of conformity (see chapter “Declaration of conformity”): Products marked with this symbol meet all the applicable `Conforms to relevant UK regulatory requirements.



Conforms to relevant UK regulatory requirements.

SYMBOLS

WARNING SYMBOLS ON THE CHARGER



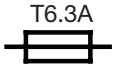
To reduce the risk of injury, user must read instruction manual carefully.



The charger is for indoor use only.



Double insulation



T6.3A

Protective 6.3A limited



WEEE symbol. Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or local store for recycling advice.



Declaration of conformity (see chapter “Declaration of conformity”): Products marked with this symbol meet all the applicable requirements. `Conforms to relevant UK regulatory requirements.



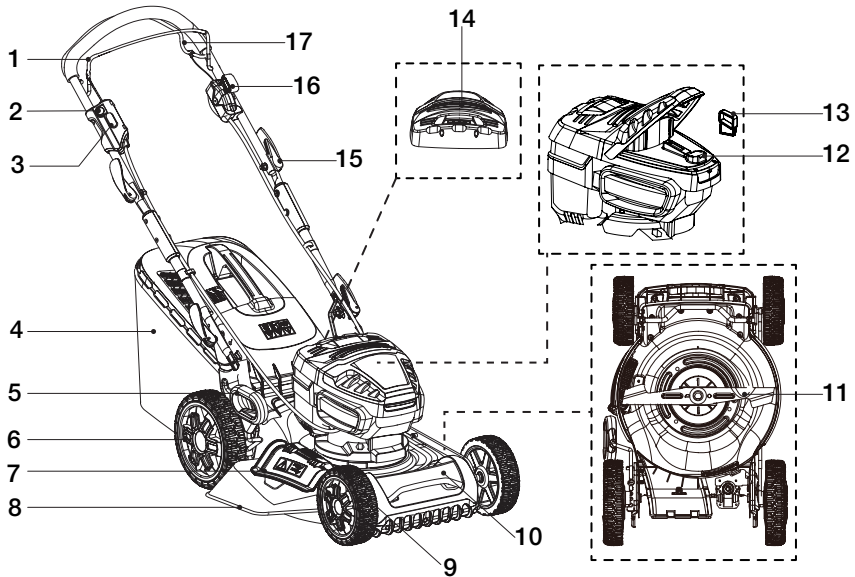
Conforms to relevant UK regulatory requirements.

TECHNICAL DATA

MODEL	LM P46A
Nominal voltage of product with battery	58V \equiv (LFP)
No-load cutting speed	Min. 3200 min^{-1} Max. 3500 min^{-1}
Working Width	46 cm
Cutting height	25-75mm, 7 positions
Weight	35 kg
Collecting Bag Capacity	55 L
Protection class	IPX4
Vibration	<2.5 m/s^2 ; K = 1.5 m/s^2
Measured sound power level (L_{WA})	95 dB(A)
Guaranteed sound power level (L_{WA})	96 dB(A)
Battery Pack Model	B0P-SP01-51
Battery capacity	51.2V \equiv 8600mAh
Battery charging time	3.5 h
Battery charger Model	HY-3036S
Input	220-240V~ 50/60Hz 1.5A Max.
Output	58V \equiv 2.5A
Protection Class	II

DESCRIPTION OF PRODUCT

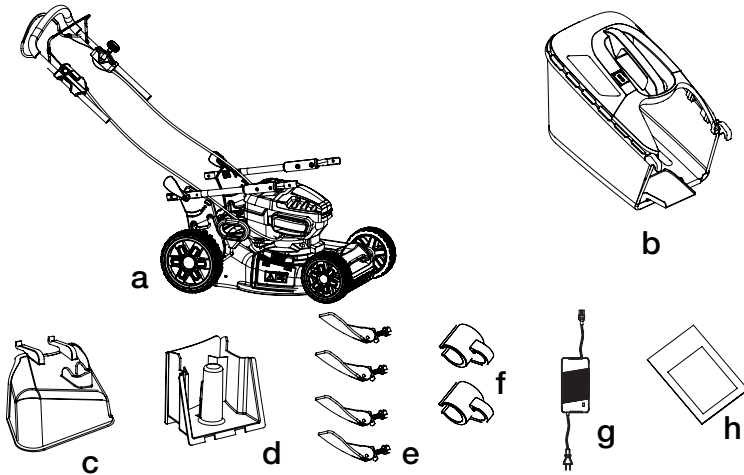
PARTS DESCRIPTION



- | | |
|-------------------------------------|-------------------------------------|
| 1. Start lever | 10. Transport handle |
| 2. Power button | 11. Cutting blade |
| 3. Safety switch button | 12. Charging inlet |
| 4. Grass catcher | 13. Power safety key |
| 5. Cutting height adjustment handle | 14. Battery pack capacity indicator |
| 6. Rear wheel | 15. Handle lock lever |
| 7. Side discharge cover | 16. Speed adjustment lever |
| 8. Side discharge chute | 17. Self-propelling lever |
| 9. Front wheel | |

DESCRIPTION OF PRODUCT

DELIVERY PARTS



Remove the machine from its packaging carefully and make sure that all of the following parts are present:

- a. Lawnmower with handle
- b. Grass bag
- c. Side discharge chute
- d. Mulching plug
- e. Quick release clamp (x4)
- f. Cable clip (x2)
- g. Battery charger
- h. Instruction



WARNING! If any parts are damaged or missing, do not operate this tool until these parts have been replaced. Failure to heed this warning could result in serious personal injury.



NOTE: Always recycle the packaging in accordance with local recycling guidelines.

INSTALLATION

UNPACKING



WARNING! The machine and the packaging are not children's toys! Children must not play with plastic bag, sheets and small parts! There is a danger of choking and suffocation!



WARNING! The machine must be fully assembled before operation! Do not use a machine that is only partly assembled or assembled with damaged parts! Follow the assembly instructions step-by-step and use the pictures provided as a visual guide to easily assemble the machine!

Always remove the power key from the machine before assembly to prevent any accidental starting.



NOTE: Take care of small parts that are removed during assembly or when making adjustments. Keep them secure to avoid loss.

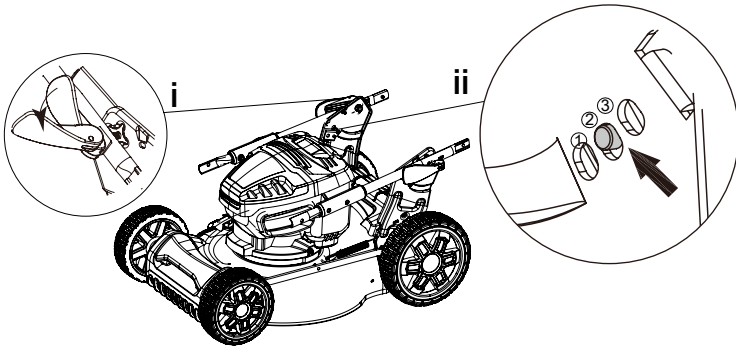
ASSEMBLE THE HANDLE BAR



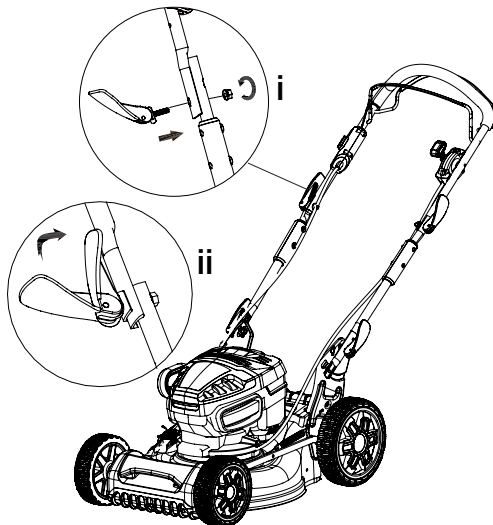
NOTE: The lower handle bar is folded and secured for delivery and transport.

1. Loosen the handle bar lock lever on both sides.
2. Disengage the pins on the lower handle bars from the hole on the handle bar brackets.
3. Unfold the lower handle bars and adjust them to the desired height.
4. Align the pins on the sides of the lower handle bars with one of the holes on the handle bar brackets. Make sure to select holes that are at the same height on each side to maintain balance and stability during operation.

INSTALLATION



5. Secure the lower handle bars in place by tightening the handle bar lock knobs.
6. Detach the bolts from the handle lock levers. Align the mounting holes on both handle bars and insert the bolt with the washer through the holes. Attach the handle lock levers to the bolts to secure the connections of the handle bars.



INSTALLATION

ASSEMBLE THE CABLE CLIP

1. Carefully route the motor cable sheath along the lower handle bar. The cable sheath should be neatly aligned and free from any obstructions.
2. Firmly attach the cable clips to the lower handlebar to secure the motor cable sheath and prevent tangling during operation.



ASSEMBLE GRASS CATCHER



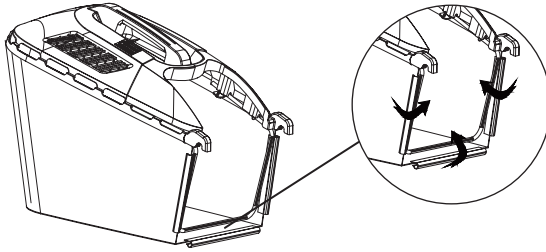
WARNING! Always switch off the machine and remove the power safety key before detaching the mulching plug and attaching the grass catcher.



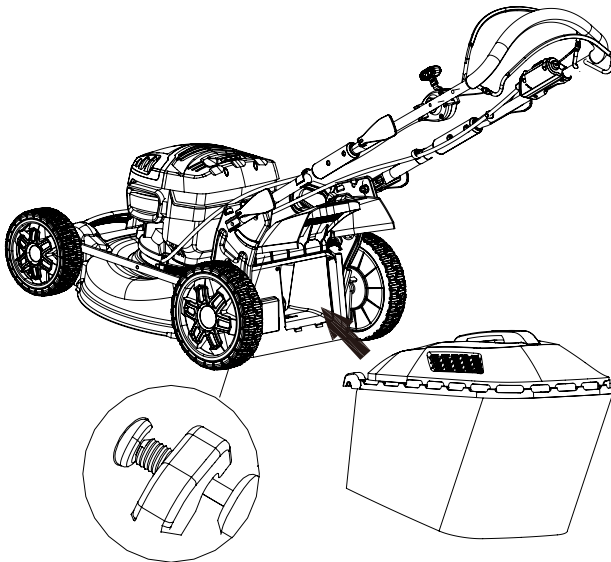
NOTE: Frequently inspect the grass catcher for wear. Replace if there are any signs of wear or deterioration, and have it replaced by an identical replacement part.

1. Place the metal frame inside the grass collection bag. Make sure that the clips are fully secured to the metal frame.

INSTALLATION



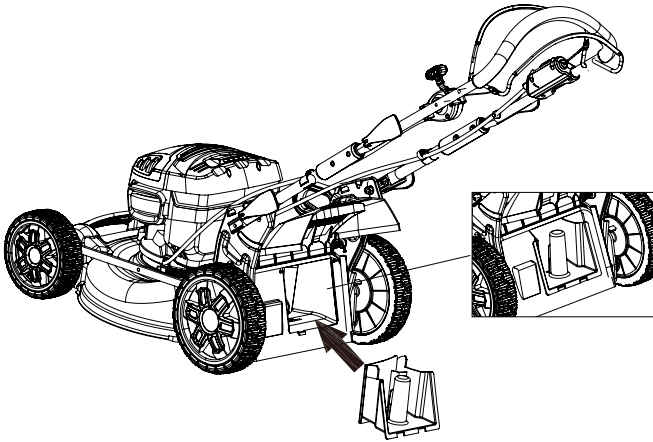
2. Remove the power safety key.
3. Lift the rear discharge cover.
4. Hook the grass catcher firmly onto the anchor points on both sides.
5. Gently release the rear discharge cover so it rests firmly against the top of the grass catcher.



INSTALLATION

ASSEMBLE THE MULCHING PLUG

1. Remove the power safety key.
2. Lift the rear discharge cover.
3. Fully insert the mulching plug into the rear discharge chute. Make sure that the mulching plug is securely in place
4. Gently release the rear discharge cover.



ASSEMBLE THE SIDE DISCHARGE CHUTE

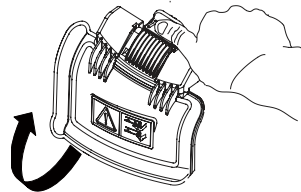


WARNING! Always switch off the machine and remove the power safety key before attaching or detaching the side discharge chute.



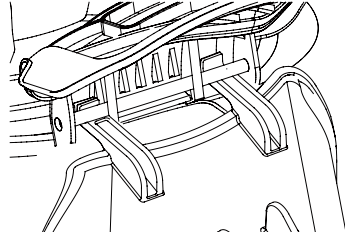
NOTE: When using the side discharge chute, the mulching plug must also be installed.

1. Remove the power safety key.
2. Lift the side discharge cover.



INSTALLATION

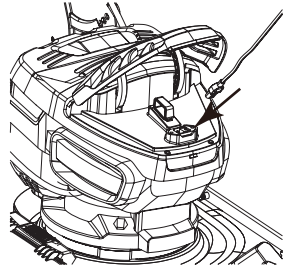
3. Hook the side discharge chute firmly onto the anchor points on both sides.
4. Gently close the side discharge cover.



BATTERY PACK

CHARGING THE BATTERY PACK

The battery packs for this machine has been shipped in a low charge condition which had been fixed inside the mower. Attach the charger lead to the charge point and plug into the power supply. Charge the battery pack fully before use.



BATTERY BALANCE MODE AND CHARGING ERROR EXPLANATION



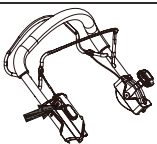


NOTE: When the internal battery pack experiences inconsistent cell capacity over a long period of use, the battery management system will identify this issue and activate the balance mode at an opportune time. This mode helps to make the cell capacities more consistent, thereby extending the discharging time of the battery pack. Users should be aware that.

1. Any battery cells voltage difference reaches 0.4V, the balance mode will occur.
2. The balance mode occurs during charging (must connect with charger), and the balance mode takes precedence over the charging operation.
3. The balance mode lasts for a maximum of 8 hours. Once

INSTALLATION

the balance mode is completed 4-8 hours have elapsed, it will automatically exit and continue charging until the battery pack is fully charged.

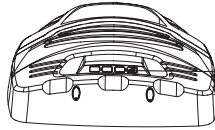
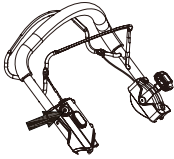
4. If the system is already in the balance mode and not completed, the user removes the charger halfway, and then reinsert the charger next time, the system will re-enter the balance mode but not charging mode until the balance mode finished.
5. If the temperature of the battery pack exceeds the limit, charging cannot be performed. The battery pack will enter a charging standby state, which is indicated by the flashing of the battery level indicator light and the continuous green light of the charger indicator light. Once the temperature of the battery pack returns to the rechargeable range, charging will continue.

	Power on botton light	Battery pack capacity indicator	charger light
			
When the battery pack is charging			
Charging	off	1-3 green lights constant on and 4 green light flash	red light constant on
Charge complete	off	4 green lights constant on	green light constant on
When the machine is in use			
Power shortage	green constant on	first light red flash	not connected
Balance mode on	off	1-4 green lights flash together	green light constant on
When battery pack is in reset mode			
Battery pack over-heating	off	1-4 green lights constant on	green light constant on
	red light flash	1-4 green lights constant on	not connected
Other issue	red light flash (different time)	1-4 green lights constant on	not connected

INSTALLATION

BATTERY CAPACITY INDICATORS

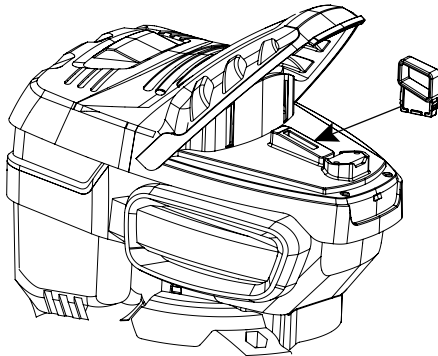
The battery pack is equipped with the battery capacity indicators which are used to give an indication of the battery pack's remaining capacity. Press power button the power indicator light will be always on as.



	76-100%
	51-75%
	26-50%
	5-25%

ASSEMBLE POWER KEY

Before starting the mower please open the front cover of the power head and insert the power safety key into the corresponding position as shown.



OPERATION

OPERATION

The following instructions must be observed at all times when working on and with the lawn mower.

1. Do not adjust the device or rectify faults when it stands still. Make sure that the device cannot start up.
2. Only lift the device on the grip and handle. Never reach underneath the device to lift it.
3. Let the blade run to a stop before touching the device or the collecting bag again.
4. Never reach beneath the discharge flap or into the discharge chute.
5. Stop the motor immediately if you notice unusual mowing sounds or vibrations. Check and rectify cause of the fault before resuming mowing.
6. Never put a damaged device into operation. Any damage to the blade and the device must be repaired by the manufacturer's customer service or qualified personnel.

NOTE THE FOLLOWING WHEN MOWING AND MULCHING

The following instructions help you use the device effectively and safely. Improper handling of the device can cause damage to it.

1. The device can be operated with or without collecting bag. You should only operate the device without the collecting bag (mulching) when trimming the lawn just a little shorter (max. 2 cm). Always keep the discharge flap closed when mulching.
2. Mow slowly and try not to use the entire cutting width to cut the grass evenly at high rotation speed. A high cutting load reduces the blade's speed and reduces the battery runtime.

OPERATION

3. Remove any branches, pegs, stones, strings and mounds before mowing to safeguard the device.
4. Always push the device forward.

ADJUSTING THE HANDLE POSITION

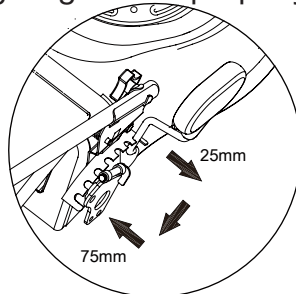
The handle can be adjusted to a comfortable working height. Adjust the handle to your individual working height before working with the device.

1. Undo the two quick-release levers on the handle mount.
2. Set the handle to the desired height.
3. Check whether the serrations of the locking washer engage correctly in the handle mount.
4. Lock the quick-release levers.

ADJUSTING THE CUTTING HEIGHT

You can set the cutting height between approximately 25 and 75 mm. The cutting height lever can be engaged in 7 positions.

1. Hold the device by the carry handle.
2. Pull the cutting height lever out of its current height position.
3. Slide the cutting height lever to the desired level. The device lifts or lowers.
4. Engage the cutting height lever properly again.



OPERATION

SWITCH ON THE MOWER



WARNING! Always press the power button to switch off the machine after use and when it is not in use. Additionally, remove the power safety key before performing any maintenance or adjustments to prevent accidental activation of the motor and cutting blade.

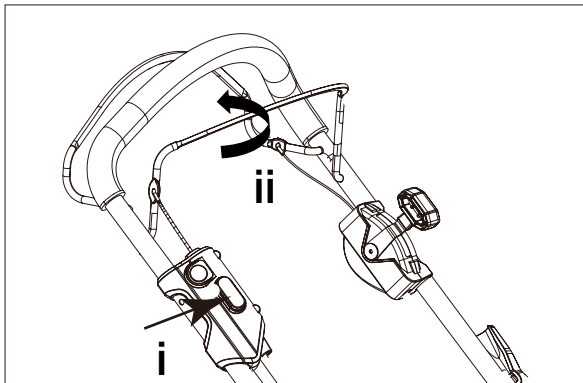
1. To switch the machine on, press and hold the power button for 2 seconds. The indicator on the power button lights up.
2. To switch the machine off, press the power button and its indicator goes off.

START THE MOWER



WARNING! The cutting blade continues to rotate after the start lever is released. Always wait for all moving parts to come to a complete stop before accessing the underside of the machine.

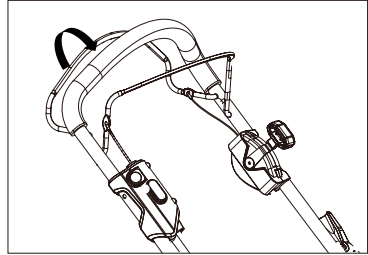
1. Press the safety switch button.
2. Pull the start lever to start the motor.



OPERATION

USING SELF-PROPELLING



1. Pull the self-propelling lever and hold it against the grip handle to activate the drive system. The machine moves forward without the need for manual pushing.
2. Release the self-propelling lever to disengage the drive system. The machine stops moving forward automatically.

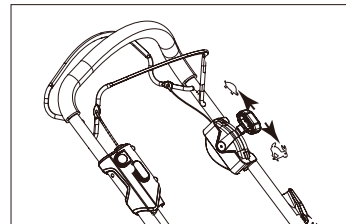


USING SPEED ADJUSTMENT



WARNING! Never choose the speed of wheel driving beyond your control

1. Move the speed lever towards the  marking to increase speed. Use a higher speed for open areas or when mowing thicker grass.
2. Move the speed lever towards the  marking to decrease speed. Use a lower speed for navigating tight spaces, around obstacles or when working on uneven terrain.



USING GRASS BAG

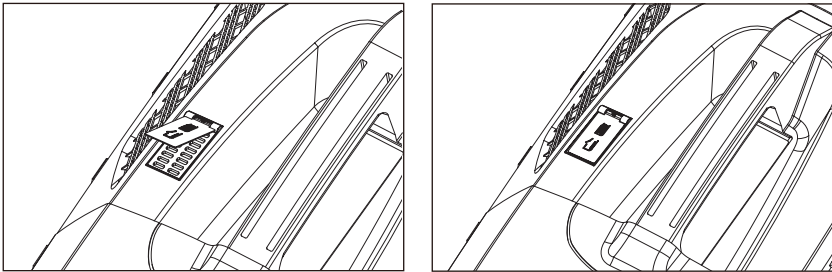
The grass bag is used to collect the grass clippings. During

OPERATION

operation, the grass clippings pass through the discharge chute into the grass bag.

The capacity indicator shows the capacity of the grass bag.

1. When the grass bag is not full, the capacity indicator floats during mowing.
2. When the grass bag is full, the capacity indicator closes during mowing. Stop the operation to empty and clean the grass bag before mowing again.



USING MULCHING PLUG

The mulching plug is attached to the discharge chute. The plug is used to close the chute at the rear of the machine and recycle the grass clippings back into the blade area for repeated cutting that is eventually deposited into the lawn as fine mulch.

USING SIDE DISCHARGE CHUTE

i **NOTE:** The mulching plug must also be installed when using the side discharge chute.

Use the side discharge chute to expel grass clippings quickly while mowing, especially in taller grass or when mowing large areas.

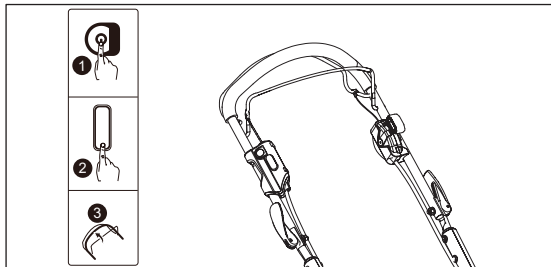
OPERATION



USING MOWER



WARNING! Before starting, position the machine on a flat surface free of high grass to ensure stability and safe operation.

1. Insert the power safety key.
2. Press the power button (fig 1) to switch the machine.
3. Stand behind the grip handle.
4. While depressing the safety switch button (fig 2) , pull the start lever towards the grip handle (fig 3) and hold in place.
5. Once started, release the safety switch button.
6. Continue to hold the start lever against the grip handle while mowing.



7. To activate the self-propelling function, pull the self-propelling lever and hold it against the grip handle . The machine starts moving forward while the cutting blade continues to operate.
8. Use the speed lever to adjust the speed of the self-propelling function.
9. Move the speed lever towards the  marking to increase speed.
10. Move the speed lever towards the  marking to decrease speed.
11. To stop the machine, release the start lever. Press the power button to switch the machine off.

OPERATION



WARNING! If the machine strikes a foreign object stop immediately! Let the mower cool down and thoroughly inspect the machine for damage!

Have any damage repaired before restarting!

Extensive vibration of the machine during operation is an indication of damage!

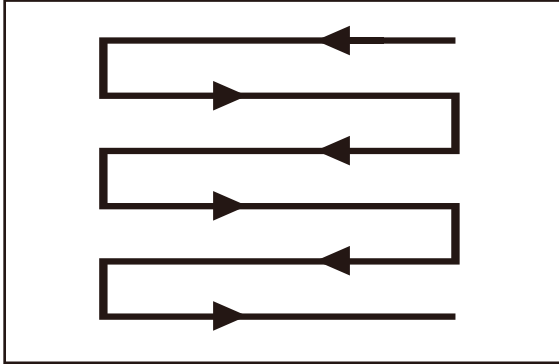
The machine should be promptly inspected and repaired!

MOWING TIPS

- When cutting thick grass, reduce your walking speed in order to allow for a more effective cut and a proper discharge of the grass clippings.
- Set the machine to the maximum cutting height when mowing on uneven ground or in tall growth.
- Mow based on the height of the grass. Do not mow down more than a third of the total height of your grass each mowing.
- It is recommended to mow in the middle of the morning or in the late afternoon after a dry day. This reduces clumping, lawn damage, and heat stress on the grass.
- When making turns or changing directions, use gentle and gradual movements. Abrupt turns can cause the machine to lose balance or create uneven cutting lines.
- Never cut off more than one-third of the total length of the grass for a healthy lawn. In the autumn, lawns should only be cut as long as there is growth.
- Slowly push the machine forward. If necessary, use the self-propelling function for assistance.
- Mow in slight overlapping rows. The most effective pattern for mowing lawns is straight lines along one of the sides.

OPERATION

This will keep the rows even and ensures that all the lawn is cut without missing any spots.



MAINTENANCE AND STORAGE



WARNING! Before carrying out any repairs or servicing work, you must ensure that the power safety key has been removed. Repairs and maintenance work other than described within this instruction manual may be performed only by qualified specialist!

CLEANING



WARNING! Always remove the power safety key from the power supply before any cleaning.

Moisture in the device may cause a short circuit or electric shock.

- Make sure that no water or other liquid gets inside the housing.
- Never clean the device with running water (e.g. a garden hose).



NOTE: Improper cleaning can damage the device.

- Do not use any harsh cleaning products, brushes with metal or nylon bristles, or sharp or metallic cleaning materials such as knives, hard scrapers or similar. They may damage the surfaces.
- Remove wet cuttings immediately. Residues of wet cuttings on and in the device may harden and cause mold.

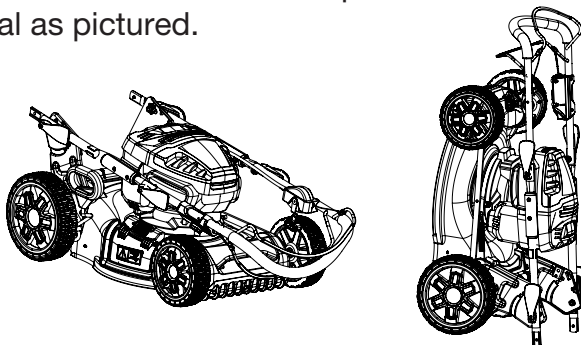
FOLDING IN THE HANDLE

1. Release the quick-release levers on the handle mount.
2. Take the serrations of the locking washer out of the handle mount by lifting it slightly and then set down the handle on the device.
3. Release the quick-release levers in the center of the

MAINTENANCE AND STORAGE

handle.

4. Carefully fold the handle. Watch out for the connection cable. It must not be pinched between the handle parts.
5. Relock the handle levers and position the mower flat or vertical as pictured.



CLEANING AND INSPECTION AFTER EACH USE



NOTE: Regular cleaning and inspection are necessary to keep the device in perfect state. Stop the motor and wait until the blade stands still.

- Disconnect the device by unplugging the power safety key.
- Thoroughly empty the collecting bag.
- Remove cuttings from the device and the collecting bag with a hand brush.
- Tip the device on its side and remove cuttings from the discharge chute and blade compartment with a hand brush.
- Check the blade for damaged spots and wear. Do not operate the device with a damaged or worn blade! If necessary, have the blade sharpened or exchanged in a specialist workshop.
- Set the mower upright again.
- Check all connections (handle, collecting bag) for tight fit. The device is ready for storage.

MAINTENANCE AND STORAGE

MAINTENANCE

Apart from the measures described in the section "Cleaning and inspection after each use", the device is principally maintenance-free. You do not have to lubricate or readjust any parts.

In addition, check the following once a year:

- Free wheel movement.
- Function and free movement of the cutting height adjuster.
- Function and free movement of the discharge flap.
- Damage to the device, such as broken housing parts or worn collecting bag.
- If you detect any defects, contact customer service or a specialist workshop. Do not operate the device with a detected defect.

STORAGE

- Thoroughly clean the device.
- Store the device in a clean, dry, frost-protected place out of the reach of children.
- Store the device in a location away from sunlight and other heat sources.
- Always store device parts and accessories together with the device.
- Store the device and accessories at a temperature between +5°C and +20°C.

TRANSPORT INSTRUCTIONS

- Always transport the device with the handle folded in.
- Only lift the device by the carry handle.
- Exclusively transport the device in normal position; prevent tilting while transporting.

MAINTENANCE AND STORAGE

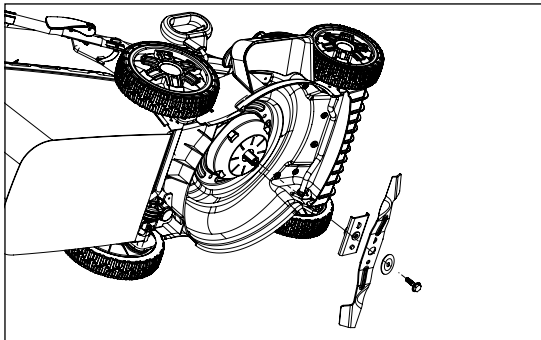
- When transporting the device in vehicles, the device must be secured in accordance with the applicable regulations (load securing).

REPLACING THE BLADES



WARNING! Always wear heavy duty gloves when handling the blade as this can cause injuries.

1. Loosen the bolt, turning anticlockwise using a suitable wrench and remove it together with the cutting device.
2. Replace the cutting blade with a new one of the same type.
3. Reattach the cutting blade onto the spindle, pay attention to its correct alignment. Tighten the bolt clockwise with 16Nm, 20Nm max. to ensure the safe operation of your product.
4. Replace this cutting blade after 50 hours mowing or 2 years whichever is sooner regardless of condition. If the cutting blade is cracked or damaged, immediately replace it with a new one.



TROUBLESHOOTING



WARNING!

Only perform the steps described in these instructions! All further inspection, maintenance and repair work must be performed by a qualified specialist! Contact a specialist if the problem cannot be solved by yourself!



WARNING!

The product does not perform properly, or sound are abnormal, or motor cannot be started, or stopped as described, or the cutting device does not work properly, or any other irregularity, or malfunction occurs, do not attempt to repair the product by yourself
Please contact helpline or service center.



WARNING!

Before carrying out any maintenance operations, remove the power safety key.

Fault/malfunction	Cause	Action
Motor does not start up	Battery pack is discharged.	Recharge battery pack.
	Battery pack is damaged.	Check with supplier.
	Grass is too long.	Cut long grass down in stages by gradually lowering the height of cut.
	Grass is wet.	Wait for wet grass to dry.
Machine does not reach full power	Battery pack capacity is too low.	Charge battery pack.
	Grass catcher is full.	Empty grass catcher.

TROUBLESHOOTING

Fault/malfunction	Cause	Action
Unsatisfactory cutting result	Cutting blade is dull / damaged.	Replace with a new one.
	Cutting height is incorrect.	Adjust the cutting height.
	The battery pack could be low.	Charge battery pack.
	Grass clippings or debris trapped on the underside of the machine.	Clean the underside of the machine.
Poor collection	Grass is wet.	Wait for wet grass to dry.
	Cutting material exceeds capacity.	Only cut materials according to the machine capacity.
	Cutting height is incorrect.	Adjust the cutting height.
	Grass clippings or debris trapped on the underside of the machine.	Clean the underside of the machine.
Machine suddenly stops	Battery pack is discharged.	Charge battery pack.
	Battery packs is too hot.	Stop working and let them cool down.
	Grass clippings or debris trapped on the underside of the machine.	Clean the underside of the machine.
Excessive vibration or noise	Cutting blade is dull / damaged.	Replace with a new one.
	Cutting height is incorrect.	Adjust the cutting height.
	Blade bolt becomes loose.	Tighten the blade bolt.

DECLARATION OF CONFORMITY

Declaration of Conformity

We
MEROTEC GmbH
Otto-Brenner-Str. 8, D-47877 Willich, Germany

Herewith declare under our own, sole responsibility that our product:

Declare that the product: 58V 46cm Cordless Lawnmower

Model: LM P46A / YOJZ-SP01-4651

We hereby certify that the product stipulated above complies with all the relevant provisions of the following EU new approach directive/s (as amended):

Machinery Directive 2006/42/EC

Electromagnetic Compatibility Directive 2014/30/EU

EC Directive 2011/65/EU and its amendment Directive (EU) 2015/863 (RoHS)

Noise Emission in the Environment by Equipment for Use Outdoors Directive 2000/14/EC amended by 2005/88/EC

We additionally confirm the following in accordance with the 2000/14/EC amended by 2005/88/EC emissions guideline, conformity assessment procedure as per Annex III.

Measured sound power level $L_{WA} = 95$ dB(A)

Guaranteed sound power level $L_{WA} = 96$ dB(A)

2011/65/EU RoHS

Standards and technical specification referred to :

For Appliance

EN 62841-1:2015+A11:2022

EN IEC 62841-4-3:2021+A11

EN IEC 55014-1:2021

EN IEC 55014-2:2021

For charger:

EN 60335-1:2012+A11:2014+A13+A1+A14+A12+A15+A16

EN 60335-2-29:2021+A1:2021

EN IEC 55014-1:2021

EN IEC 55014-2:2021

EN IEC 61000-3-2:2019+A1:2021+A2:2024

EN 61000-3-3:2013+A1:2019+A2:2021

MEROTEC GmbH

Otto-Brenner-Str. 8

D-47877 Willich

Place, date: Willich, 09.01.2026

Ronald Menken



Authorised Signature: _____

Ronald Menken

General Manager

DECLARATION OF CONFORMITY

To the provisions of Council Directives

We
SUMEC UK
Unit A&B Escrick Business Park Escrick, York YO19 6 FD/
United Kingdom

Herewith declare under our own, sole responsibility that our product:

Declare that the product: 58V 46cm Cordless Lawnmower

Model: LM P46A / YOJZ-SP01-4651

We hereby certify that the product stipulated above complies with all the relevant provisions of the following EU new approach directive/s (as amended):

Supply of Machinery (Safety) Regulations 2008

Electromagnetic Compatibility Regulations 2016

The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012

Noise Emission in the Environment by Equipment for use Outdoors Regulations 2001

Measured Sound Power Level: $L_{WA} = 95$ dB(A)

Declared Guaranteed Sound Power Level: $L_{WA} = 96$ dB(A)

Standards and technical specification referred to :

For Appliance

For charger:

EN 62841-1:2015+A11:2022

EN 60335-1:2012+A11:2014+A13+A14+A12+A15+A16

EN IEC 62841-4-3:2021+A11

EN 60335-2-29:2021+A1:2021

EN IEC 55014-1:2021

EN IEC 55014-1:2021

EN IEC 55014-2:2021

EN IEC 55014-2:2021

EN IEC 61000-3-2:2019+A1:2021+A2:2024

EN 61000-3-3:2013+A1:2019+A2:2021

Authorized Signatory

Date: 09.01.2026



Signature: _____

Place: York

Name: Mariana Hall

General Manager

SUMEC UK

Unit A&B Escrick Business Park Escrick
York YO19 6 FD, United Kingdom



DISPOSAL

DISPOSING OF PACKAGING

Dispose of packaging according to type. Sort the paperboard and cardboard as waste paper and the film as recyclable material.

DISPOSING OF THE APPLIANCE

Applicable in the European Union and other European countries with systems for separate collections of recyclable waste.



This symbol indicates that this product may not be disposed of together with domestic waste in compliance with the (2012/19/EU) Regulation pertaining to waste electrical and electronic devices (WEEE). This product must be handed in at a collection point intended for the purpose. This can occur, for example, by handing it in at an authorized collecting point for the recycling of waste electrical and electronic equipment. Owing to potentially hazardous substances that are frequently contained in waste electronic equipment, incorrect handling of waste equipment may have a negative impact on the environment and on the health of human beings. By disposing of this product correctly, you are also contributing towards an efficient use of natural resources. Information on collecting points for waste equipment can be obtained from your local authority, an authorised institution for the disposal of waste electrical and electronic equipment or the waste collection services.