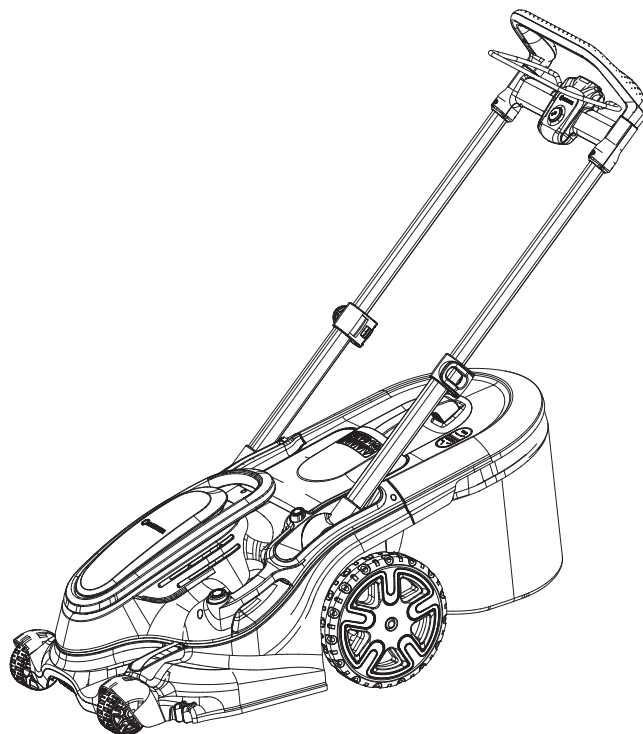




22646-85.960.01

en



36V UltraMow Duo 460 KIT 4.0

(4.0Ah kit)

**PNC 9707616 01**

36V UltraMow Duo 460 KIT 2.5

(2.5ah kit)

**PNC 9707617 01**

36V UltraMow Duo 460

(solo)



**PNC 9707619 01**

**en Operator's manual**  
Battery Lawn Mower


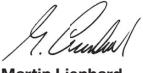
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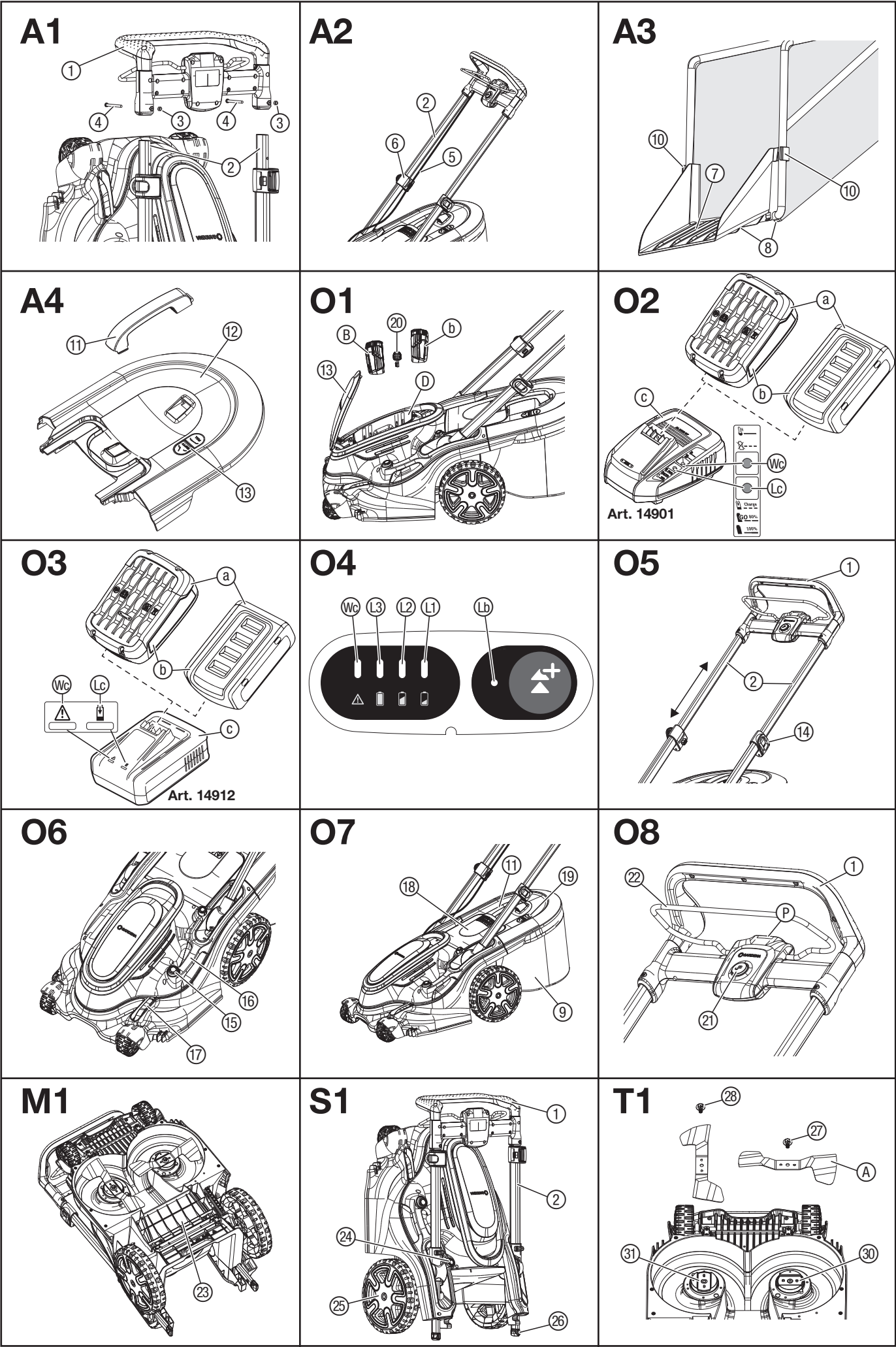
ANNEX

EU – Declaration of Conformity

	The undersigned hereby certifies as the authorized representative of the manufacturer, GARDENA Germany AB, PO Box 7454, S-103 92, Stockholm, Sweden, that, when leaving our factory, the unit(s) indicated below is/are in accordance with the harmonised EU guidelines, EU standards of safety and product specific standards. This certificate becomes void if the unit(s) is/are modified without our approval.
Description of the unit:	Lawn Mower
Type:	36V UltraMow Duo 460
Article number:	9707619 01
EU directives:	2006/42/EG 2014/30/EU 2011/65/EU 2000/14/EG
Harmonised standard:	EN ISO 12100 EN 62841-1 EN IEC 62841-4-3
Noise level: measured / guaranteed:	88 dB(A) / 90 db(A)
Conformity assessment procedure:	According to 2000/14/EC Art.14 Annex VI
Notified body:	DEKRA Testing and Certification GmbH Handwerkstraße 15 70565 Stuttgart Deutschland 0158
Deposited documentation:	GARDENA Manufacturing GmbH Technische Dokumentation M. Jäger Hans-Lorenser-Str. 40 D-89079 Ulm
Year of CE marking:	2024
Ulm, 16.12.2024	 <b>Martin Lienhard,</b> Senior Vice President, Business Unit Electric and Battery

UKCA – Declaration of Conformity

	The manufacturer GARDENA Germany AB, PO Box 160 89, SE-103 92 Stockholm, Sweden hereby certifies that, when leaving our factory, the unit(s) indicated below is/are in accordance with the UK Regulations, designated standards of safety and product specific designated standards. This certificate becomes void if the units are modified without our approval.
Description of the product:	Lawn Mower
Type:	36V UltraMow Duo 460
Article number:	9707619 01
UK regulations:	S.I. 2008/1597 S.I. 2016/1091 S.I. 2012/3032 S.I. 2001/1701
Designated standards:	EN ISO 12100 EN 62841-1 EN IEC 62841-4-3
Noise level: measured / guaranteed	88 dB (A) / 90 dB (A)
Conformity assessment procedure:	According to S.I. 2001/1701 Art.11 Schedule 9
Dokumentation deposited:	GARDENA Manufacturing GmbH Technische Dokumentation M. Jäger Hans-Lorenser-Str. 40 D-89079 Ulm
UK importer:	Husqvarna UK Limited Preston Road Aycliffe County Durham UK DL5 6UP
Ulm, 16.12.2024	 <b>Martin Lienhard</b> Senior Vice President Business Unit Electric and Battery



# en Lawnmower

## 36V UltraMow Duo

### Original operator's manual

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## 1. SAFETY INSTRUCTIONS

### 1.1 Symbols on the product



→ Read operator's manual.



#### **WARNING!**

→ Be careful of parts being ejected—keep bystanders away.



#### **WARNING!**

→ Keep the mains cable away from the blades (not applicable to cordless mowers).



#### **WARNING!**

→ Keep hands and feet away from the blades.



#### **WARNING!**

→ Unplug the mains plug before maintenance or if the mains cable is damaged (not applicable to cordless mowers).



#### **WARNING!**

→ Disconnect the battery before maintenance.



#### **WARNING!**

→ Remove the locking device before maintenance.

### 1.2 General safety instructions

#### 1.2.1 General machine safety instructions



#### **WARNING!**

**Read all safety warnings, instructions, illustrations and specifications provided with this machine.**

*Failure to follow all instructions listed below may result in electric shock, fire and / or serious injury.*

**Save all warnings and instructions for future reference.**

The term "machine" used in the safety instructions refers to mains-operated (corded) or to battery-operated (cordless) machines.

##### 1) Work area safety

- a) **Keep work area clean and well lit.** Cluttered or dark areas invite accidents.
- b) **Do not operate machines in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** Machines create sparks which may ignite the dust or fumes.
- c) **Keep children and bystanders away while operating a machine.** Distractions can cause you to lose control.

##### 2) Electrical safety

- a) **Machine plugs must match the outlet. Never modify the plug in any way. Do not use any adaptor plugs with earthed (grounded) machines.** Unmodified plugs and matching outlets will reduce risk of electric shock.
- b) **Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators.** There is an increased risk of electric shock if your body is earthed or grounded.
- c) **Do not expose machines to rain or wet conditions.** Water entering a machine will increase the risk of electric shock.
- d) **Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the machine. Keep cord away from heat, oil, sharp edges or moving parts.** Damaged or entangled cords increase the risk of electric shock.
- e) **When operating a machine outdoors, use an extension cord suitable for outdoor use.** Use of a cord suitable for outdoor use reduces the risk of electric shock.
- f) **If operating a machine in a damp location is unavoidable, use a residual current device (RCD) protected supply.** Use of an RCD reduces the risk of electric shock.

### 3) Personal safety

- a) **Stay alert, watch what you are doing and use common sense when operating a machine. Do not use a machine while you are tired or under the influence of drugs, alcohol or medication.** A moment of inattention while operating machines may result in serious personal injury.
- b) **Use personal protective equipment. Always wear eye protection.** Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
- c) **Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and /or battery pack, picking up or carrying the machine.** Carrying machines with your finger on the switch or energising machines that have the switch on invites accidents.
- d) **Remove any adjusting key or wrench before turning the machine on.** A wrench or a key left attached to a rotating part of the machine may result in personal injury.
- e) **Do not overreach. Keep proper footing and balance at all times.** This enables better control of the machine in unexpected situations.
- f) **Dress properly. Do not wear loose clothing or jewellery. Keep your hair and clothing away from moving parts.** Loose clothes, jewellery or long hair can be caught in moving parts.
- g) **If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** Use of dust collection can reduce dust-related hazards.
- h) **Do not let familiarity gained from frequent use of machines allow you to become complacent and ignore tool safety principles.** A careless action can cause severe injury within a fraction of a second.

### 4) Machine use and care

- a) **Do not force the machine. Use the correct machine for your application.** The correct machine will do the job better and safer at the rate for which it was designed.
- b) **Do not use the machine if the switch does not turn it on and off.** Any machine that cannot be controlled with the switch is dangerous and must be repaired.
- c) **Disconnect the plug from the power source and /or remove the battery pack, if detachable, from the machine before making any adjustments, changing accessories, or storing machines.** Such preventive safety measures reduce the risk of starting the machine accidentally.
- d) **Store idle machines out of the reach of children and do not allow persons unfamiliar with the machine or these instructions to operate the machine.** Machines are dangerous in the hands of untrained users.
- e) **Maintain machines and accessories. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the machine's operation. If damaged, have the machine repaired before use.** Many accidents are caused by poorly maintained machines.
- f) **Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- g) **Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.** Use of the machine for operations different from those intended could result in a hazardous situation.
- h) **Keep handles and grasping surfaces dry, clean and free from oil and grease.** Slippery handles and grasping surfaces do not allow for safe handling and control of the machine in unexpected situations.

### 5) Battery tool use and care

- a) **Recharge only with the charger specified by the manufacturer.** A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
  - b) **Use machine only with specifically designated battery packs.** Use of any other battery packs may create a risk of injury and fire.
  - c) **When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another.** Shorting the battery terminals together may cause burns or a fire.
  - d) **Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.**
  - e) **Do not use a battery pack or tool that is damaged or modified.** Damaged or modified batteries may exhibit unpredictable behavior resulting in fire, explosion or risk of injury.
  - f) **Do not expose a battery pack or tool to fire or excessive temperature.** Exposure to fire or temperature above 130 °C may cause explosion.
  - g) **Follow all charging instructions and do not charge the battery pack or tool outside the temperature range specified in the instructions.** Charging improperly or at temperatures outside the specified range may damage the battery and increase the risk of fire.
- ### 6) Service
- a) **Have your machine serviced by a qualified repair person using only identical replacement parts.** This will ensure that the safety of the machine is maintained.
  - b) **Never service damaged battery packs.** Service of battery packs should only be performed by the manufacturer or authorised service providers.

### 1.2.2 Lawnmower safety warnings

- a) **Do not use the lawnmower in bad weather conditions, especially when there is a risk of lightning.** This decreases the risk of being struck by lightning.
- b) **Thoroughly inspect the area for wildlife where the lawnmower is to be used.** Wildlife may be injured by the lawnmower during operation.

- c) Thoroughly inspect the area where the lawnmower is to be used and remove all stones, sticks, wires, bones, and other foreign objects. Thrown objects can cause personal injury.
- d) Before using the lawnmower, always visually inspect to see that the blade and the blade assembly are not worn or damaged. Worn or damaged parts increase the risk of injury.
- e) Check the grass catcher frequently for wear or deterioration. A worn or damaged grass catcher may increase the risk of personal injury.
- f) Keep guards in place. Guards must be in working order and be properly mounted. A guard that is loose, damaged, or is not functioning correctly may result in personal injury.
- g) Keep all cooling air inlets clear of debris. Blocked air inlets and debris may result in overheating or risk of fire.
- h) While operating the lawnmower, always wear non-slip and protective footwear. Do not operate the lawnmower when barefoot or wearing open sandals. This reduces the chance of injury to the feet from contact with the moving blade.
- i) While operating the lawnmower, always wear long trousers. Exposed skin increases the likelihood of injury from thrown objects.
- j) Do not operate the lawnmower in wet grass. Walk, never run. This reduces the risk of slipping and falling which may result in personal injury.
- k) Do not operate the lawnmower on excessively steep slopes. This reduces the risk of loss of control, slipping and falling which may result in personal injury.
- l) When working on slopes, always be sure of your footing, always work across the face of slopes, never up or down and exercise extreme caution when changing direction. This reduces the risk of loss of control, slipping and falling which may result in personal injury.
- m) Use extreme caution when reversing or pulling the lawnmower towards you. Always be aware of your surroundings. This reduces the risk of tripping during operation.
- n) Do not touch blades and other hazardous moving parts while they are still in motion. This reduces the risk of injury from moving parts.
- o) When clearing jammed material or cleaning the lawnmower, make sure all power switches are off and the battery pack is disconnected. Unexpected operation of the lawnmower may result in serious personal injury.
- p) When clearing jammed material or cleaning the lawnmower, make sure all power switches are off and remove (or activate) the disabling device. Unexpected operation of the lawnmower may result in serious personal injury.

### 1.3 Additional safety instructions

#### 1.3.1 Intended use

The **FLYMO Lawnmower** is intended for mowing lawns in private home gardens and allotments.

The product is not suitable for long-term use (professional operation).






#### **DANGER!**

##### **Risk of injury!**

- Do not use the product to cut bushes, hedges, shrubs and perennials, to cut climbing plants or grass on roofs or on balconies, to crush branches and twigs, and to compensate for irregularities in the ground.
- Do not use the product on slopes with an inclination of more than 20°.

#### 1.3.2 Safety instructions for batteries and battery chargers

-  **Read all safety warnings and instructions.** Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.
- **Store these instructions in a safe place.** Only use the charger if you can fully evaluate all functions and carry them out without restrictions, or if you have received corresponding instructions.
- **Do not use the product in explosive atmospheres.**
- **Supervise children during use, cleaning and maintenance.** This will ensure that children do not play with the charger.
- **Only charge lithium-ion batteries of the POWER FOR ALL system type PBA 18V with a capacity of 1.5 Ah or more (5 battery cells or more).** The battery voltage must match the battery charging voltage of the charger. Do not charge any nonrechargeable batteries. Otherwise there is a risk of fire and explosion.
-  **Only use the battery charger in closed rooms and keep it away from moisture.** Water entering a power tool will increase the risk of electric shock.
- **Keep the battery charger clean.** Dirt poses a risk of electric shock.
- **Always check the battery charger, cable and plug before use.** Stop using the charger if you discover any damage. Do not open the charger yourself, and have it repaired only by a qualified specialist using only original replacement parts. Damaged chargers, cables and plugs increase the risk of electric shock.
- **Do not operate the battery charger on easily combustible surfaces (e.g. paper, textiles etc.) or in combustible environments.** There is a risk of fire due to the charger heating up during operation.
- **If the connecting cable needs replacing, this must be carried out by FLYMO or by an authorised after sales service centre for FLYMO power tools to avoid safety hazards.**

- These safety instructions apply only to lithium-ion batteries of the **POWER FOR ALL system PBA 18V.**
- **Do not cover the battery charger's ventilation slots.** The battery charger may otherwise overheat and no longer function properly.
- **Use only battery chargers that are recommended by the manufacturer to charge the batteries.** A battery charger that is suitable for one type of battery may cause a fire hazard if used with other batteries.
- **Vapours may escape if the battery is damaged or used improperly.** The battery can set alight or explode. Ensure the area is well ventilated and seek medical attention should you experience any adverse effects. The vapours may irritate the respiratory system.
- **If the battery is defective, liquid may leak out and wet adjacent objects.** Check affected parts. Clean these parts or change them if necessary.
- **If used incorrectly or if the battery is damaged, flammable liquid may escape from the battery; Contact with this liquid should be avoided.** If contact accidentally occurs, flush with water. If the liquid comes into contact with your eyes, seek additional medical attention. Liquid ejected from the battery may cause irritation or burns.
- **Only use the battery in POWER FOR ALL system partner products.** POWER FOR ALL-marked 18V batteries are fully compatible with the following products: all 18V POWER FOR ALL system partner products.
- **Observe the battery recommendations in the operator's manual for your product.** This is the only way to operate the battery and the product safely and to protect the batteries from dangerous overloading.
- **Only charge the batteries using battery chargers recommended by the manufacturer or by POWER FOR ALL system partners.** A battery charger that is suitable for a certain type of battery poses a fire hazard when used with other batteries (battery type: PBA 18V etc./Compatible battery chargers: AL 18 etc.).
- **The battery is supplied partially charged.** To ensure full battery capacity, fully charge the battery in the charger before using your power tool for the first time.
- **Keep batteries out of the reach of children.**
- **Do not open the battery.** There is a risk of short-circuiting.
- **Do not short-circuit the battery.** When the battery is not in use, keep it away from paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another. A short circuit between the battery contacts may result in burns or fire.
- **The battery contacts can be hot after use.** Be careful of hot contacts when removing the battery.
- **The battery can be damaged by sharp objects such as a nail or screwdriver or by external force.** An internal short circuit may occur, causing the battery to burn, smoke, explode or overheat.
- **Never service damaged battery packs.** Service of battery packs should only be performed by the manufacturer or authorised after sales service providers.
-  **Protect the battery from heat, including prolonged exposure to sunlight, fire, dirt, water and moisture.** There is a risk of explosion and short-circuiting.
- **Operate and store the battery only at an ambient temperature between -20 °C and +50 °C. Do not leave the battery in your car in the summer, for example.** At temperatures <0 °C, performance may be reduced depending on the device.
- **Charge the battery only at an ambient temperature between 0 °C and +35 °C.** Charging outside of the temperature range can damage the battery and increase the risk of fire.
- **After use, allow the battery to cool down for at least 30 minutes before charging or storing it.**

#### 1.3.3 Additional electrical safety instructions



#### **DANGER!**

##### **Risk of cardiac arrest!**

- This product generates an electromagnetic field during operation. This electromagnetic field may affect the functionality of active or passive medical implants (e.g. pacemakers), which may result in serious injury or death.
- Consult your doctor and the manufacturer of your implant before using this product.
  - Remove the battery when you are not using the product.

#### 1.3.4 Additional personal safety instructions



#### **DANGER!**

##### **Risk of suffocation!**

- Smaller parts can be swallowed.
- Keep toddlers away when you assemble the product.
  - Stop the machine, remove the battery blocks and wait for all moving parts to come to a complete standstill,
    - if a foreign object has been hit.
  - Inspect the machine for damage and repair it before restarting and operating it
    - if the machine begins to vibrate unusually.
  - Immediately inspect the machine for damage, replace or repair damaged parts and inspect and tighten any loose parts.

- **Before mowing, check the area to be mowed for hidden objects such as branches and remove them.** This will reduce the risk of the cutting tool being blocked.
- Stop the cutting tool if the machine needs to be tilted for transport when crossing surfaces other than grass and transporting the machine to and from the mowing area.
- Do not tilt the machine when the motor is switched on.
- Empty the grass catcher before storing.
- Recommendation: Perform cleaning and maintenance work before storage.
- **Service the machine regularly.** This increases the life span of the machine.
- **Make sure that you only use FLYMO-approved spare parts.**  
*Unsuitable spare parts can cause injury or damage the machine.*
- **Do not modify any safety components.** Modifying safety components increases the risk of injury.
- The blades must be replaced only in sets to maintain symmetry.
- Be aware that a rotating cutting tool can cause other cutting tools to rotate.
- **Be careful when adjusting the machine.** This prevents fingers from being caught between the moving cutting tool and stationary parts of the machine.
- Always allow the machine to cool before storing.
- When servicing the cutting tool, be aware that the cutting tool can still move after it has been switched off.
- Recommendation: Wear hearing protection.

## 2. ASSEMBLY



### DANGER!

#### Risk of cutting injury from the blade.

- If the product starts unintentionally, people can be injured by the blades.
- Remove the batteries before assembling the product.
  - Wear protective gloves.

### 2.1 Scope of supply

	Art. No. 9707616 01	Art. No. 9707617 01	Art. No. 9707619 01
<b>Cordless mower</b>	x	x	x
<b>Battery charger</b>	x	x	-
<b>2 x battery (2.5 Ah)</b>	-	x	-
<b>2 x battery (4.0 Ah)</b>	x	-	-
<b>Operator's manual</b>	x	x	x

### 2.2 Fitting the handle [Fig. A1]

- Unscrew the two screws ④ from the handle ①.
- Slide the handle ① onto the two handle bars ②.
- Insert the two nuts ③ into the handle bars ②.
- Push the two screws ④ through the two holes in the handle bars ②.
- Tighten the two screws ④.

### 2.3 Attaching the cable to the handle bar [Fig. A2]

- Attach the cable ⑤ to the clamp ⑥ on the handle bar ②.
- Make sure that the cable is not pinched between the handle bar and the mower, otherwise the cable may be damaged.

### 2.4 Fitting the grass collection bag [Fig. A3/A4]

The tongue ⑦ you will find in the chute of the mower.

- First press the tongue ⑦ into the two connectors ⑧ at the bottom of the grass collection bag ⑨ until you hear the connections click into place.  
*Make sure that both connectors are engaged.*
- Then press the tongue ⑦ into the two connectors ⑩ on the side of the grass collection bag ⑨ until the connections click into place.  
*Make sure that both connectors are engaged.*
- First, insert the collection bag handle ⑪ into the rear of the collection bag lid ⑫.
- Then push the collection bag handle ⑪ into the front of the collection bag lid ⑫ until you hear the connections click into place.  
*Make sure that all connectors are engaged.*

## 3. OPERATION



### DANGER!

#### Risk of cutting injury from the blade.

- If the product starts unintentionally, people can be injured by the blades.
- Wait until the blade has come to a standstill before adjusting or transporting the product.
  - Remove the batteries.
  - Wear protective gloves.

### 3.1 Charging the battery [Fig. O1/O2/O3]



### CAUTION!

#### Damage to property.

- If the voltage of the power source does not match the specifications on the battery charger rating plate, the battery charger may be damaged.
- Note the mains voltage.



### DANGER!

#### Risk of injury.

- You may trap your fingers when inserting the battery.
- Mind your fingers.

Thanks to the intelligent charging process, the charge condition of the battery is automatically detected and then charged up with the optimal charge current depending on battery temperature and voltage. In this way, the battery is treated with care and remains permanently fully charged when it is stored in the charger.

- Open the lid ⑬ of the battery holder ⑭.
- Press the release button ⑮ and remove the batteries ⑯ from the battery holder ⑭.
- Connecting the battery charger ⑰ to a mains socket.
- Slide the battery charger ⑰ onto the battery ⑯.

*When the battery charge indicator ⑱ at the charger flashes green, the battery is being charged.*

*When the battery charge indicator ⑱ at the charger illuminates permanently green the battery is completely charged (charging time, see "7. TECHNICAL DATA").*

- Examine the charge status regularly while you charge.
- When the battery ⑯ is fully charged, the battery ⑯ can be disconnected from the battery charger ⑰.

### 3.2 Meaning of display elements

#### 3.2.1 Battery charge indicator on the battery charger [Fig. O3]

**Flashing green light (fast) on battery charge indicator ⑱**



The fast charging procedure is indicated by **fast flashing** of the **green** battery charge indicator ⑱.

**Note:** The fast charging procedure is only possible when the battery temperature is within the allowable charging temperature range, see "7. TECHNICAL DATA".

**Flashing green light (slow) on battery charge indicator ⑱**



When the battery level is approximately 80 % the **green** battery charge indicator ⑱ **flashes** slowly.

The battery can be removed for immediate use.

**Solid light of green battery charge indicator ⑱**



The **solid green light** on the battery charging indicator ⑱ indicates that the battery is fully charged.

If the battery is not plugged in, the **solid light** of the battery charge indicator ⑱ signals that the mains plug is plugged into the wall socket and the charger is ready for operation.

**Solid light of red battery charge indicator ⑱**



The **solid red light** on the battery fault indicator ⑱ signals that the temperature of the battery is outside the permissible charging temperature range, see "7. TECHNICAL DATA".

As soon as the permissible temperature range is reached, the battery charger automatically switches to fast charging.

**Flashing red light of battery fault indicator ⑱**



The **flashing red light** of the battery fault indicator ⑱ signals another fault in the charge cycle, see "6. TROUBLESHOOTING".

3.2.2 Battery state of charge indicator ① on the product [Fig. O4/O8]

After starting the product, the battery state of charge indicator ① is displayed for 5 seconds.

Battery state of charge indicator	Battery state of charge
①, ② and ③ light up green	67 – 100% charged
① and ② light up green	34 – 66% charged
① lights up green	11 – 33% charged
① flashes green	0 – 10% charged

When the LED ① flashes green, the battery must be charged.

If the error LED ④ is illuminated or flashing, see “6. TROUBLESHOOTING”.

3.2.3 Boost button [Fig. O4/O8]

Boost mode increases the speed of the motor for maximum mowing performance.

Enabling boost mode:

- Press the boost button ⑥ on the control panel.  
*Boost mode is enabled and the LED ④ is illuminated.*

Disabling boost mode:

- Press the boost button ⑥ on the control panel.  
*Boost mode is disabled and the LED ④ is not illuminated.*

3.3 Working position [Fig. O6]

- Adjust the length of the handle bar ② so that you are in an upright position when using the mower.

3.3.1 Adjusting the length of the handle bar

The length of the handle bar ② can be adjusted to the height of the body.

1. Open the two clamping levers ⑭.
2. Push the handle ① to the desired position.
3. Close the two clamping levers ⑭.

3.4 Adjusting the cutting height [Fig. O7]

The cutting height can be adjusted from 25 – 65 mm in 5 positions. The set cutting height is shown on the scale ⑰.

3.4.1 Reducing the cutting height:

- Press the button ⑮ and push the handle ⑯ down to reduce the cutting height.

3.4.2 Increasing the cutting height:

- Press the button ⑮ and pull the handle ⑯ up to increase the cutting height.

3.5 Mowing with the grass collection bag [Fig. O7]



**DANGER!**

**Risk of cutting injury from the blade.**

If the product starts unintentionally, people can be injured by the blades.

- Do not reach into the discharge opening with your hands.

3.5.1 Inserting the grass collection bag into the mower

1. Lift the protective flap ⑱.
2. Insert the grass collection bag ⑨ at the collection bag handle ⑪ into the mower.  
*Ensure that the grass collection bag is firmly seated.*
3. Start the mower.

3.5.2 Emptying the grass collection bag

When mowing, the level indicator ⑲ opens. If it closes during mowing, the grass collection bag is full.

1. When the grass collection bag ⑨ is full, stop the mower.
2. Lift the protective flap ⑱.
3. Remove the grass collection bag from the collection bag handle ⑪.
4. Empty the grass collection bag ⑨.

3.6 Starting/stopping the mower



**DANGER!**

**Risk of injury**

Risk of injury if the product does not stop when the start lever is released.

- Do not bypass the safety device or switches.  
→ For example, do not attach the start lever to the handle.  
→ Do not make any changes to the product that are not described in this manual.

3.6.1 Starting the mower [Fig. O1/O4/O8]

The product features a two-handed safety device (start lever ⑳ and safety interlock ㉑) to prevent the product from being switched on by accident.

We recommend using only 4 Ah batteries P4A PBA 18V/72 (Art. 14905) or larger.

We do not recommend using 2 batteries of different capacity.

The battery with the lower state of charge/capacity determines the run time of the mower.

1. Open the lid ⑬ of the battery holder ⑩.
2. Insert the battery ⑧ into the battery holder ⑩ until it audibly engages.
3. Insert the safety key ㉒ into the mower and turn it to position 1.
4. Close the lid ⑬ of the battery holder ⑩.
5. Press the safety interlock ㉑ with one hand and pull the start lever ㉒ with the other hand towards the handle ①.

*The mower starts and the battery state of charge indicator ① is displayed for 5 seconds.*

6. Release the safety interlock ㉑.

3.6.2 Stopping the mower

1. Release the start lever ㉒.

*The mower stops.*

2. Turn the safety key ㉒ to position 0 and remove it to prevent the batteries from discharging.

3.7 Mowing tips

3.7.1 Tips for using the mower

If there is cutting material in the discharge opening, pull the mower back about 1 m so that the cutting material can fall out.

To maintain a well-kept lawn, we recommend mowing the lawn regularly, if possible once a week. The lawn becomes denser when mowed regularly.

After long mowing breaks (holidays), first mow at the highest cutting height in one direction and then across this direction at the desired cutting height. This prevents the blade from being blocked by too much cutting material.

If possible, mow the lawn only when dry. When the grass is wet, the cutting pattern becomes irregular.

3.7.2 Cutting performance and battery charge

The lawn area achieved per battery charge depends on various factors, such as moisture, grass density and cutting height. For optimum area utilisation, do not switch the mower on and off too often, as this will reduce the battery life. The best possible cutting performance per battery charge can be achieved by increasing the cutting height and frequent mowing.

Turn off the boost mode for maximum battery run time.

3.7.3 Lawn area per battery charge

2 x system battery 4.0 Ah	max. 600 m²
2 x system battery 5.0 Ah	max. 750 m²
2 x system battery 6.0 Ah	max. 900 m²

4. MAINTENANCE



**DANGER!**

**Risk of cutting injury from the blade.**

If the product starts unintentionally, people can be injured by the blades.

- Wait until the blade has come to a standstill before servicing the product.  
→ Remove the batteries.  
→ Wear protective gloves.

## 4.1 Cleaning the mower [Fig. M1]



### DANGER!

#### Risk of injury!

Risk of injury and risk of damage to the product.

- Do not use water or a water jet (especially a high-pressure water jet) to clean the product. *This can damage the product or allow water to penetrate the electrical components and cause corrosion or short circuits.*
- Do not clean with chemicals, including petrol or solvents. Some can destroy critical plastic parts.

**The airflow slots must always be clean.**

- Clean the top and bottom of the mower after each use.

### 4.1.1 Cleaning the top of the mower

1. Clean the top of the mower with a damp cloth.
2. Clean the ventilation slots with a soft brush (do not use sharp objects).

### 4.1.2 Cleaning the bottom of the mower [Fig. M1]

1. Carefully place the mower on its side.
2. Clean the bottom, the blade and the discharge opening ② with a soft brush (do not use any sharp objects).

### 4.1.3 Cleaning the grass collection bag

- Clean the grass collection bag with a soft brush (do not use any sharp objects).

## 4.2 Cleaning the battery and the battery charger

The surface and contacts of the battery and of the battery charger must be clean and dry before connecting the battery to the battery charger.

- Do not use running water.

### 4.2.1 Cleaning the battery

Do not use any chemical substances to clean the battery.

- Use a soft, clean, dry brush to clean the ventilation slots and the contacts of the battery from time to time.

### 4.2.2 Cleaning the battery charger

- Use a soft, dry cloth to clean the contacts and the plastic parts.

## 5. STORAGE

### 5.1 Shutting down

**The product must be stored away from children.**

1. Turn the safety key ② to the 0 position.
2. Remove the batteries ⑧.
3. Charge the batteries (see "3.1 Charging the battery [Fig. O1/O2/O3]").
4. Empty the grass collection bag.
5. Clean the mower, the batteries and the battery charger (see "4. MAINTENANCE").
6. Store the mower, the batteries and the battery charger in a dry, enclosed and frost-free place.

### 5.2 Space-saving storage position [Fig. S1]

1. Press the handle lock ② and fold the handle bar ② downwards onto the mower.  
*Make sure that the cable is not pinched between the handle bar and the mower, otherwise the cable may be damaged.*
2. Push the handle ① fully into the handle bar ② (see "3.3.1 Adjusting the length of the spar").
3. Rest the mower on the wheels ⑥ and the feet ⑥ with the blades facing the wall.

## 6. TROUBLESHOOTING



### DANGER!

#### Risk of cutting injury from the blade.

If the product starts unintentionally, people can be injured by the blades.

- Wait until the blade has come to a standstill before troubleshooting the product.
- Remove the batteries.
- Wear protective gloves.

## 6.1 Replacing the blade [Fig. T1]



### DANGER!

#### Risk of cutting injury from the blade.

Risk of cutting injury if a damaged or bent blade is used or one that rotates with imbalance or chipped cutting edges.

- Do not use the mower with a damaged or bent blade, an imbalanced blade or a blade with chipped cutting edges.
- Do not regrind the blade.

**FLYMO spare parts** are available from your **FLYMO dealer** or from **FLYMO Service**.

- Only use an original **FLYMO Spare Blade Set Art. 4122**

For safety reasons, we recommend that the blades are replaced by **FLYMO Service** or by an **authorised FLYMO dealer**.

1. Unscrew the silver blade screw ⑦ **counterclockwise**.
2. Unscrew the black blade screw ⑧ **clockwise**.
3. Remove the blade screws ⑦/⑧ (the washers are connected to the screws).
4. Remove the blades ①/②.
5. Insert the new blades ①/② into the mower (see blade labelling **4122-20A/4122-20B**). Blade ① must be inserted into the blade holder ③ and blade ② must be inserted into the blade holder ④ turned by 90°.
6. Install the blade screws ⑦/⑧ into the mower.
7. Tighten the blade screw ⑦ **clockwise** (the tightening torque is 15 to 20 Nm. Do not over tighten).
8. Tighten the blade screw ⑧ **counterclockwise** (the tightening torque is 15 to 20 Nm. Do not over tighten).

### 6.1.1 Align the blade position to 90°

1. Unscrew the silver blade screw ⑦ **counterclockwise**.
2. Remove the blade screw ⑦.
3. Remove the blade ①.
4. Remove blade holder ③ and insert it offset by 90° to the blade holder ④.
5. Insert the blade ① into the mower (see label **4122-20A**).
6. Insert the blade screw ⑦ into the mower.
7. Tighten the blade screw ⑦ **clockwise** (the tightening torque is 15 to 20 Nm. Do not over tighten).

## 6.2 Error table

Problem	Possible Cause	Remedy
<b>Loud noises, the mower rattles</b>	Screws on the motor, mounting or mower housing are loose.	→ Have the screws tightened by an authorised specialist dealer or by FLYMO Service.
<b>Mower runs rough or vibrates strongly</b>	Blades are damaged or worn.	→ Replace the blades.
	Blade screws are loose.	→ Tighten the blade screws.
	Blades are heavily soiled.	→ Clean the mower. If this does not resolve the problem, contact FLYMO Service.
	The blades are maladjusted.	→ Set the blade position to 90° (see "6.1.1 Aligning the blade position to 90°").
<b>The lawn is not mown cleanly</b>	Blades are blunt or damaged.	→ Replace the blades.
	Cutting height is set too low.	→ Set a higher cutting height.
<b>Mower does not start or stops.</b> <b>LED ① flashes green [Fig. O4]</b>	Battery is empty.	→ Charge the battery.
<b>Mower does not start or stops.</b> <b>Error LED ② lights up red [Fig. O4]</b>	Battery temperature is outside the permissible temperature range.	→ Wait until the battery temperature has dropped back to between 0 °C and + 45 °C.
	There are drops of water or moisture between the battery contacts.	→ Remove the water drops or moisture using a dry cloth.
	Obstacle is blocking the motor.	→ Remove the obstruction. → Check the 90° blade position (see "6.1.1 Aligning the blade position to 90°").
	Cutting height is set too low.	→ Set a higher cutting height.

Problem	Possible Cause	Remedy
<b>Mower does not start or stops.</b> <b>Error LED (AL) flashes red [Fig. 04]</b>	The mower is faulty.	→ Contact FLYMO Service.
<b>Mower does not start or stops.</b> <b>Error LED (AL) does not light up [Fig. 04]</b>	Battery is defective.	→ Replace the battery.
	The mower is faulty.	→ Contact FLYMO Service.
<b>Charging is not possible.</b> <b>Battery charge indicator (AL) lights up green continuously</b>	The battery is not pushed onto the battery charger correctly.	→ Push the battery onto the battery charger correctly.
	Battery contacts are dirty	→ Clean the battery contacts (e.g. by connecting and disconnecting the battery several times). Replace the battery if necessary.)
	Battery temperature is outside the permissible temperature range.	→ Wait until the battery temperature has dropped back to between 0 °C and + 45 °C.
	Battery is defective.	→ Replace the battery.
<b>Charging is not possible.</b> <b>Battery charge indicator (AL) does not light up</b>	The mains plug of the battery charger is not plugged in correctly.	→ Insert the mains plug fully into the power outlet.
	Socket outlet, mains cable or charger is defective.	→ Check the mains voltage. → Let the charger be checked, if necessary, by an authorised specialist dealer or the FLYMO Service.

**NOTE:**

Repairs must only be done by FLYMO service departments or specialist dealers approved by FLYMO.

→ Please contact your FLYMO service centre in the event of other faults (see reverse).

## 7. TECHNICAL DATA

Cordless Lawnmower	Unit	Value (Art. 9707619 01)
<b>Speed of the blade/ boost mode</b>	RPM	2800 / 3400
<b>Cutting-height adjustment (5 positions)</b>	mm	25–65
<b>Grass collection bag capacity</b>	l	45
<b>Cutting Width</b>	cm	46
<b>Weight</b>	kg	15.4
<b>Sound pressure level <math>L_{pA}</math><sup>1)</sup></b>	dB(A)	77
<b>Uncertainty <math>k_{pA}</math></b>	dB(A)	3
<b>Sound power noise level <math>L_{WA}</math><sup>2):</sup> measured / guaranteed</b>	dB(A)	88 / 90
<b>Uncertainty <math>k_{WA}</math></b>	dB(A)	1.5
<b>Hand/ arm vibration <math>a_{vhw}</math><sup>1)</sup></b>	m/s <sup>2</sup>	0.7
<b>Uncertainty <math>k_{vhw}</math></b>		1.5

Measurement methods according to: <sup>1)</sup> EN IEC 62841-4-3 <sup>2)</sup> RL 2000/14/EC / S.I. 2001 No.1701

NOTE: The stated vibration emission value has been measured according to a standardized test procedure and can be used for comparison of one electric power tool with another. It can also be used for preliminary evaluation of exposure. The vibration emission value can vary during actual use of the electric power tool.

System battery	Unit	Value (PBA 18V 2.5Ah W-B)
<b>Battery voltage</b>	V (DC)	18
<b>Battery capacity</b>	Ah	2.5
<b>Number of cells (Li-Ion)</b>		5
<b>Appropriate POWER FOR ALL system battery chargers</b>	AL 1810 CV / AL 1815 CV / AL 18V-20 / AL 1830 CV / AL 1880 CV / AL 18V-44	
System battery	Unit	Value (PBA 18V 4.0Ah W-C)
<b>Battery voltage</b>	V (DC)	18
<b>Battery capacity</b>	Ah	4.0
<b>Number of cells (Li-Ion)</b>		10
<b>Appropriate POWER FOR ALL system battery chargers</b>	AL 1810 CV / AL 1815 CV / AL 18V-20 / AL 1830 CV / AL 1880 CV / AL 18V-44	

System battery charger	Unit	Value (AL 1830 CV)	Value (AL 18V-44)
<b>Mains voltage</b>	V (AC)	220 – 240	220 – 240
<b>Mains frequency</b>	Hz	50 – 60	50 – 60
<b>Rated Power</b>	W	70	105
<b>Battery charging voltage</b>	V (DC)	14,4 – 18	14,4 – 18
<b>Max. battery charging current</b>	A	3,0	4,4
<b>Battery charging time (approx.)</b> PBA 18V 2.5Ah W-B PBA 18V 4.0Ah W-C	min. min.	60 95	43 59
<b>Permitted charging temperature range</b>	°C	0 – 45	0 – 45
<b>Weight</b>	g	400	475
<b>Protection class</b>		IP / II	IP / II
<b>Suitable POWER FOR ALL system batteries</b>		PBA 18V	PBA 18V

## 8. ACCESSORIES/SPARE PARTS

<b>FLYMO Spare Blade Set</b>	As a replacement for blunt blades.	<b>Art. 4122</b>
<b>FLYMO System Battery</b> P4A PBA 18V/45 P4A PBA 18V/72	Battery for additional duration or for replacement.	<b>Art. 14903</b> <b>Art. 14905</b>

## 9. WARRANTY/SERVICE

### 9.1 Product registration

Please register your product at [flymo.com/uk/product-registration](https://flymo.com/uk/product-registration).

### 9.2 Service

Please find the current contact information of our service on the back page and online:



<https://www.flymo.com/uk/content/contact-us>

## 10. DISPOSAL

### 10.1 Disposal of the product

(in accordance with Directive 2012/19/EU / S.I. 2013 No. 3113)



The product must not be disposed of together with normal household waste. It must be disposed of in line with local environmental regulations.

#### IMPORTANT!

→ Dispose of the product through or via your local recycling collection centre.

### 10.2 Disposal of the battery



**Li-ion**

The battery contains lithium-ion cells that must be disposed of separately from normal household waste at the end of its life span.

1. Discharge the lithium-ion cells fully (contact FLYMO Service about this).
2. Ensure that the lithium-ion cell contacts do not short-circuit by placing tape over them.
3. Dispose of the lithium-ion cells properly through or via your local recycling collection centre.



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