

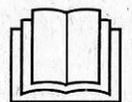


# CityMower 18



en Original instructions  
ar دليل التشغيل الأصلي  
fa دفترچه راهنمای اصلی

BP-0131



## English

### Safety Notes

**Warning! Read all safety warnings and all instructions. Make yourself familiar with the controls and the proper use of the product. Please keep the instructions safe for later use!**

### Explanation of symbols on the garden tool, charger and battery



General hazard safety alert.



Read instruction manual.



Make sure that bystanders are not injured by foreign objects being thrown away.



Warning: Keep a safe distance to the product when operating.



Caution: Do not touch rotating blades. Sharp blade(s). Beware of severing toes or fingers.



Switch off and remove isolator switch before adjusting, cleaning and before leaving the product unattended for any period.



Not applicable.



Wait until all machine components have completely

stopped before touching them. The blades continue to rotate after the machine is switched off, a rotating blade can cause injury.



Do not use the product in the rain or leave it outdoors when it is raining.



Beware electric shock hazard.



Not applicable.



Only use the battery charger indoors.



Battery charger contains a safety transformer.



Do not use a high-pressure washer or a garden hose to clean the machine.



Carefully check the area where the tool is to be used for wildlife and pets. Wildlife

and pets may be injured while the machine is in operation. Thoroughly check the working area and remove any stones, sticks, wires, bones and foreign objects. When using the machine, ensure that no wildlife, pets or small tree stumps are hidden in the dense grass.

### Operation

- ▶ Never allow children or people unfamiliar with these instructions to use the product. Local regulations may restrict the age of the operator.

When not in use store the product out of reach of children.

- ▶ Never allow children, persons with physical, sensory or mental limitations or a lack of experience and/or knowledge and/or people unfamiliar with these instructions to use the machine.
  - ▶ Children should be supervised to ensure that they do not play with the product.
  - ▶ Never work while people, especially children, or pets are nearby.
  - ▶ The user is responsible for accidents or hazards occurring to other people or their property.
  - ▶ Do not wear open rubber shoes or sandals when using the product. Always wear sturdy shoes and long trousers. Do not use barefoot.
  - ▶ Thoroughly inspect the area where the machine is to be used and remove all stones, sticks, wires, bones and other foreign objects.
  - ▶ Before using, always visually inspect to see that the blades, blade bolts and cutter assembly are not worn or damaged. Replace worn or damaged blades and bolts in sets to preserve balance.
  - ▶ Mow only in daylight or in good artificial light.
  - ▶ Avoid mowing in bad weather conditions especially when there is a risk of lightning.
  - ▶ Avoid operating the machine in wet grass, where feasible.
- ▶ Walk, never run.
  - ▶ Never operate the machine with defective guards or shields, or without safety devices, for example deflectors and/or grass catchers in place.
  - ▶ We would advise you to wear ear protection for your own convenience.
  - ▶ Never operate the product when you are tired, ill or under the influence of alcohol, drugs or medicine.
  - ▶ Working on banks can be dangerous:
    - Do not mow on excessively steep slopes.
    - Always be sure of your footing on slopes or wet grass.
    - Mow across the face of slopes never up and down.
    - Exercise extreme caution when changing direction on slopes.
  - ▶ Use extreme caution when stepping back or pulling the machine towards you.
  - ▶ Never mow by pulling the mower towards you.
  - ▶ Wait until the blades stop if the machine has to be tilted for transportation when crossing surfaces other than grass and when transporting the machine to and from the area to be mowed.
  - ▶ Do not tilt the machine when starting or switching on the motor.
  - ▶ Switch on the motor according to the instructions with feet well away from rotating parts.

- ▶ Do not put hands or feet near or under rotating parts.
- ▶ Always stand clear of the discharge zone when operating the machine.
- ▶ Never pick up or carry the machine while the motor is running.
- ▶ When storing, make sure that all 4 wheels of the garden tool stand on the ground/floor.
- ▶ Only lift the garden tool with the carrying handle. Use the carrying handle with care.
- ▶ **Do not modify the product.** Unauthorized modifications may impair the safety of your product and may result in increased noise and vibration.

### Leaf Collect

The leaf collect blade has been designed to allow you to pick up autumn leaves from your lawn. In order for this functionality to work within optimal parameters, please note the following:

- Only collect leaves with the machine set at maximum cutting height.
- Collect leaves from your lawn only.
- Before collecting leaves inspect the area where the machine is to be used and keep people, pets, glass structures and cars away from use.

### Remove the isolator switch:

- Whenever you leave the machine.
- Before clearing a blockage.

- Before checking, cleaning or working on the machine.
- After striking a foreign object. Inspect the machine for damage and change the blade as necessary.
- If the machine starts to vibrate abnormally (check immediately).

### Maintenance

- ▶ **Always wear gardening gloves when handling or working near the sharp blades.**
- ▶ Keep all nuts, bolts and screws tight to ensure safe working with the product.
- ▶ Check the grass bag frequently for wear or deterioration.
- ▶ Check the grass catcher frequently for wear or deterioration.
- ▶ Inspect the product and replace worn or damaged parts for safety.
- ▶ Ensure replacement cutting means of the right type are used.
- ▶ Ensure replacement parts fitted are Bosch-approved.
- ▶ Before storing, make sure that the product is clean and free of residue. If necessary, clean with a soft dry brush.

### Safety Instructions and Recommendations for Optimal Handling of the Battery

- ▶ **Ensure the product is switched off and the isolator key is in the off position before the inserting the battery.** Inserting the battery into a product that has the switch on can cause accidents.
- ▶ **Use only Bosch batteries intended specifically for this product.** Use of any other batteries may create a risk of injury and fire.

- ▶ **Do not open the battery.** There is a risk of short-circuiting.



**Protect the battery against heat (e.g., against continuous intense sunlight), fire, water, and moisture.** There is a risk of explosion.



- ▶ **Keep the battery not being used away from 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.
- ▶ **In case of damage and improper use of the battery pack, vapours may be emitted.** Ventilate the area and seek medical help in case of complaints. The vapours can irritate the respiratory system.
- ▶ **Only use the battery with products from the manufacturer.** This is the only way in which you can protect the battery against dangerous overload.
- ▶ **The battery can be damaged by pointed objects such as nails or screwdrivers or by force applied externally.** An internal short circuit may occur, causing the battery to burn, smoke, explode or overheat.
- ▶ **Do not short-circuit the battery.** There is a risk of explosion.
- ▶ Protect the battery against moisture and water.
- ▶ Store the product and battery only within a temperature range between -20 °C and 50 °C. As an example, do not leave the battery in the car in summer.
- ▶ Occasionally clean the venting slots of the battery using a soft, clean and dry brush.

## Safety Warnings for Battery Chargers



**Read all safety warnings and all instructions.** Failure to follow the safety warnings and instructions may result in electric shock, fire and/or serious injury.

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

Use the battery charger only when you fully understand and can perform all functions without limitation, or have received appropriate instructions.

- ▶ **Never allow children, persons with physical, sensory or mental limitations or a lack of experience and/or knowledge and/or people unfamiliar**

## Technical Data

Lawnmower	CityMower 18
Article number	3 600 HB9 A..

with these instructions to use the battery charger. Local regulations may restrict the age of the operator.

### ▶ Supervise children at all times.

This will ensure that children do not play with the battery charger.

- ▶ **Charge only Bosch lithium-ion batteries with a capacity above 4.0 Ah (10 battery cells or more).** The battery voltage must match the battery charging voltage of the charger. Do not charge non-rechargeable batteries. Otherwise there is a danger of fire and explosion.



**Keep the battery charger away from rain or moisture.** Penetration of water in the battery charger increases the risk of an electric shock.

- ▶ **Keep the charger clean.** Dirt poses a risk of electric shock.
- ▶ **Always check the 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 charger on an easily ignited surface (e.g. paper, textiles, etc.) or in a flammable environment.** There is a risk of fire due to the charger heating up during operation.
- ▶ **Do not cover the ventilation slots of the battery charger.** Otherwise, the battery charger can overheat and no longer operate properly.
- ▶ For increased electrical safety, we recommend using a residual current device with a max. tripping current of 30 mA. Before using, always check your residual current device.

## Intended Use

The garden product is intended for domestic lawn mowing.

The garden product is not intended for hedge cutting, trimming, shredding, etc.

The garden product is intended for lawn mowing at ground level.

Lawnmower	CityMower 18
Rated voltage	V 18
Bowl diameter	cm 34
Height of cut	mm 30 - 60
Capacity, grass bag	l 31
Weight according to EPTA-Procedure 01:2014	kg 9.90
Serial number	see type plate on garden tool
Recommended ambient temperature during charging	°C 0 ... +35
Permitted ambient temperature during operation <sup>A)</sup> and storage	°C -20 ... +50
<b>Battery</b>	<b>Li-Ion</b>
Rated voltage	V 18
Article number/Capacity	
- 1 607 A35 07H	Ah 4.0
- 1 607 A35 0FE	Ah 5.0
- 1 607 A35 01Y	Ah 6.0
Number of battery cells	
- 1 607 A35 07H	10
- 1 607 A35 0FE	10
- 1 607 A35 01Y	10

A) Limited performance at temperatures <0 °C

All values in this manual are measured for usage below or equal to 2000 meters above nominal sea level.

Charger	AL 1810 CV	AL 1815 CV	AL 1830 CV	AL 1880 CV
Article number				
	EU 2 607 226 385	2 607 226 0..	2 607 225 965	2 607 226 1..
	UK 2 607 226 387	2 607 226 0..	2 607 225 967	2 607 226 1..
Charging current	A 1.0	1.5	3.0	8.0
Charging period (battery discharged)				
- Battery with 4.0 Ah	min 240	168	95	35
- Battery with 5.0 Ah	min 275	193	104	46
- Battery with 6.0 Ah	min 364	260	130	62
Weight according to EPTA-Procedure 01:2014	kg 0.17	0.38	0.40	0.60
Protection class	□/II	□/II	□/II	□/II

## Noise/Vibration Information

3 600 HB9 A..

Typically the A-weighted noise levels of the product are:

Noise emission values determined according to **EN 60335-2-77**.

- Sound pressure level	dB(A)	69
- Sound power level	dB(A)	89

- Uncertainty K	dB	=1.0
Vibration total values ah (triax vector sum) and uncertainty K determined according to EN 60335-2-77		
- Vibration emission value a <sub>h</sub>	m/s <sup>2</sup>	< 2.5
- Uncertainty K	m/s <sup>2</sup>	= 1.5

## Mounting and Operation

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A) Accessories shown or described are not included with the product as standard. You can find the complete selection of accessories in our accessories range.

## Starting Operation

### For Your Safety

- ▶ **Warning! Switch off, remove the isolator switch and the battery before adjusting or cleaning. The same applies when the cable to the switch in the handle is damaged, cut or entangled.**
- ▶ **The blade continues to rotate for a few seconds after the machine is switched off.**
- ▶ **Caution: Do not touch the rotating blade.**

### Charging the Battery

The battery is equipped with temperature monitoring that allows charging only in the temperature range between 0 °C and 35 °C. In this manner, a high battery service life is achieved.

**Note:** The battery is supplied partially charged. To ensure full battery capacity, completely charge the battery in the battery charger before using for the first time.

The lithium-ion battery can be charged at any time without reducing its service life. Interrupting the charging procedure does not cause damage to the battery.

The "Electronic Cell Protection (ECP)" protects the lithium-ion battery against deep discharging. When the battery is empty, the product is switched off by means of a protective circuit: The product no longer operates.

**Do not continue to press the On/Off switch after an automatic shut-off of the product.** The battery could become damaged.

Observe the notes for disposal of the battery.

### Inserting/Removing the Battery

**Note:** Using unsuitable batteries can lead to malfunctions or damage the machine.

Insert the charged battery. Ensure the battery is inserted correctly.

To remove the battery from the machine, press the battery unlocking button and pull the battery out.

### Charging Procedure

The charging procedure starts as soon as the mains plug of the charger is plugged into a socket outlet and the battery is inserted onto the charger.

Due to the intelligent charging method, the charging condition of the battery is automatically detected and the battery is charged with the optimum charging current, depending on battery temperature and voltage.

This gives longer life to the battery and always leaves it fully charged when kept in the charger for storage.

### Meaning of the Indication Elements (AL 1810)

#### Flashing battery charge indicator



The charging process is indicated by the **flashing** of the battery charge indicator.

#### Solid light on battery charge indicator



A **solid light** on the battery charge indicator signals that the battery is fully charged or that the temperature of the battery is not within the permitted charging temperature range, and can therefore not be charged. The battery is charged as soon as the allowable charging temperature range is reached.

When the battery is not inserted, a **solid light** on the battery charge indicator signals that the mains plug is inserted in the plug socket and that the charger is ready for operation.

## Understanding the Indicators (AL 1815 CV)

### Flashing battery charge indicator



The charging process is indicated by the **flashing** of the battery charge indicator.

### Continuous lighting of the battery charge indicator



**Continuous lighting** of the battery charge indicator indicates that the battery is fully charged or that the temperature of the battery is not within the allowable charging temperature range, and cannot be charged for this reason. The battery is charged as soon as the allowable charging temperature range is reached.

When the battery is not inserted, **continuous lighting** of the battery charge indicator indicates that the mains plug is inserted in the socket outlet and that the battery charger is ready for operation.

### Meaning of the Indication Elements (AL 1830 CV/AL 1880 CV)

#### (Fast) Flashing of the Green Battery Charge Indicator



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

**Note:** The rapid-charging procedure is only possible when the battery temperature is within the allowable charging temperature range, see section "Technical Data".

#### (Slow) Flashing of the Green Battery Charge Indicator



When the charging condition of the battery is 80%, the **green** battery charge indicator

flashes slowly.

The battery can be removed for immediate use.

#### Continuous Lighting of the Green Battery Charge Indicator



**Continuous lighting** of the **green** battery charge indicator indicates that the battery is fully charged.

When the battery is not inserted, **continuous lighting** of the battery charge indicator indicates that the mains plug is in-

## Troubleshooting



Problem	Possible Cause	Corrective Action
Motor refuses to start	Internal wiring of garden tool defective	Contact Bosch customer service agent
	Battery discharged	Recharge battery
	Battery too hot/cold	Allow to cool/warm
	Grass too long	Max. allowed grass height 15 cm on highest height-of-cut setting
	Motor protector has activated	Allow motor to cool and increase height of cut

serted in the socket outlet and that the battery charger is ready for operation.

### Continuous Lighting of the Red Battery Charge Indicator



**Continuous lighting** of the **red** battery charge indicator indicates that the temperature of the battery is not within the allowable charging temperature range, see section "Technical Data". As soon as the allowable charging temperature range is reached, the battery charger automatically switches to rapid charging.

### Flashing Red Battery Charge Indicator



A **flashing red** battery charge indicator indicates a different malfunction of the charging procedure, see section "Troubleshooting - Causes and Corrective Measures".

## Working Advice

### Cutting Capacity (Battery Operating Duration)

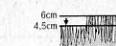
The cutting capacity (battery operating duration) depends on lawn properties, such as grass density, moisture content, grass length and height of cut.

Switching the machine on and off frequently during cutting will also reduce the cutting capacity (battery operating duration).

To improve the cutting capacity (battery operating duration), it is recommended to cut more frequently, increase the cutting height and walk at an appropriate pace.

The example below shows the connection between cutting height and cutting capacity with regard to three batteries.

#### Cutting Conditions



Very thin, dry grass

Cutting capacity	
Battery with 4.0 Ah	up to 200 m <sup>2</sup>
Battery with 6.0 Ah	up to 300 m <sup>2</sup>

To increase the run time an additional battery can be purchased from an authorised customer service agent for Bosch garden products.

Problem	Possible Cause	Corrective Action
	Isolator key not inserted correctly/fully	Fit correctly
Garden tool functions intermittently	Internal wiring of garden tool defective	Contact Bosch customer service agent
	Motor protector has activated	Allow motor to cool and increase height of cut
Machine leaves ragged finish and/or Motor labours	Height of cut too low	Increase height of cut
	Cutting blade blunt	Replace cutting blade (see figure L).
	Possible clogging	Switch garden tool off and disengage isolator key
		Check underneath the garden product and clear out as necessary (always wear protective gloves)
	Blade fitted upside down	Refit blade correctly
Blade not rotating while garden product switched on	Cutting blade obstructed	Switch garden tool off and disengage isolator key
		Clear obstruction (always wear protective gloves)
	Blade nut/bolt loose	Tighten blade nut/bolt (22 Nm)
Excessive vibrations/noise	Blade nut/bolt loose	Tighten blade nut/bolt (22 Nm)
	Cutting blade damaged	Replace cutting blade (see figure L).

### Battery and charger

Problem	Possible Cause	Corrective Action
Red battery charge indicator on charger flashes	Battery not (properly) inserted	Properly insert battery in charger
	Battery contacts contaminated	Clean the battery contacts (e. g. by inserting and removing the battery several times) or replace the battery
No charging procedure possible	Battery defective	Replace the battery
Battery charge indicator on charger do not light up	Mains plug of battery charger not plugged in (properly)	Insert mains plug (fully) into the socket outlet
	Socket outlet, mains cable or battery charger defective	Check the mains voltage; have the battery charger checked by an authorised after-sales service agent for Bosch power tools

## Maintenance and Service

### Battery Maintenance

- ▶ **Warning! Switch off, remove the isolator switch, battery and grass bag before adjusting or cleaning.**
- ▶ **Always wear gardening gloves when handling or working near the sharp blades.**

Use the following procedures to enable optimum usage of the battery:

- Protect the battery against moisture and water.
- Store the machine and battery only within a temperature range between -20 °C and 40 °C. As an example, do not leave the battery in the car in summer.
- It is recommended that the battery is not stored within the product but stored separately.
- Do not leave the battery in the product in direct sunlight.
- The ideal storage condition for the battery is 10 °C.
- Occasionally clean the venting slots of the battery using a soft, clean and dry brush.

A significantly reduced working period after charging indicates that the battery is used and must be replaced.

## After-sales Service and Application Service

### www.bosch-garden.com

In all correspondence and spare parts orders, please always include the 10-digit article number given on the nameplate of the product.

#### Great Britain

Robert Bosch Ltd. (B.S.C.)  
P.O. Box 98  
Broadwater Park  
North Orbital Road  
Denham Uxbridge  
UB 9 5HJ

At [www.bosch-pt.co.uk](http://www.bosch-pt.co.uk) you can order spare parts or arrange the collection of a product in need of servicing or repair.

Tel. Service: (0344) 7360109

E-Mail: [boschservicecentre@bosch.com](mailto:boschservicecentre@bosch.com)

#### Ireland

Origo Ltd.  
Unit 23 Magna Drive  
Magna Business Park

City West  
Dublin 24  
Tel. Service: (01) 4666700  
Fax: (01) 4666888

### Australia, New Zealand and Pacific Islands

Robert Bosch Australia Pty. Ltd.

Power Tools

Locked Bag 66

Clayton South VIC 3169

Customer Contact Center

Inside Australia:

Phone: (01300) 307044

Fax: (01300) 307045

Inside New Zealand:

Phone: (0800) 543353

Fax: (0800) 428570

Outside AU and NZ:

Phone: +61 3 95415555

[www.bosch-pt.com.au](http://www.bosch-pt.com.au)

[www.bosch-pt.co.nz](http://www.bosch-pt.co.nz)

### Republic of South Africa

#### Customer service

Hotline: (011) 6519600

#### Gauteng - BSC Service Centre

35 Roper Street, New Centre

Johannesburg

Tel.: (011) 4939375

Fax: (011) 4930126

E-Mail: [bsctools@icon.co.za](mailto:bsctools@icon.co.za)

#### KZN - BSC Service Centre

Unit E, Almar Centre

143 Crompton Street

Pinetown

Tel.: (031) 7012120

Fax: (031) 7012446

E-Mail: [bsc.dur@za.bosch.com](mailto:bsc.dur@za.bosch.com)

#### Western Cape - BSC Service Centre

Democracy Way, Prosperity Park

Milnerton

Tel.: (021) 5512577

Fax: (021) 5513223

E-Mail: [bsc@zsd.co.za](mailto:bsc@zsd.co.za)

#### Bosch Headquarters

Midrand, Gauteng

Tel.: (011) 6519600

Fax: (011) 6519880

E-Mail: [rbsa-hq.pts@za.bosch.com](mailto:rbsa-hq.pts@za.bosch.com)

## Transport

The contained lithium-ion batteries are subject to the Dangerous Goods Legislation requirements. The batteries are suitable for road-transport by the user without further restrictions.

When being transported by third parties (e.g.: air transport or forwarding agency), special requirements on packaging and labelling must be observed. For preparation of the item

being shipped, consulting an expert for hazardous material is required.

Dispatch battery packs only when the housing is undamaged. Tape or mask off open contacts and pack up the battery in such a manner that it cannot move around in the packaging. Please also observe the possibility of more detailed national regulations.

## Disposal



The garden product, batteries, accessories and packaging should be sorted for environmental-friendly recycling.



Do not dispose of garden products and batteries/rechargeable batteries into household waste!

### Only for EC countries:

According to the European law 2012/19/EU, electrical and electronic equipments that are no longer usable, and according to the European law 2006/66/EC, defective or used battery packs/batteries, must be collected separately and disposed of in an environmentally correct manner.

### Battery packs/batteries:

#### Li-Ion:

Please observe the instructions under Transport.