













## Charger safety instructions

**⚠ DANGER** • Never touch the mains plug and socket with wet hands. • Danger of explosion. Do not charge any non-rechargeable battery. • Do not charge the battery pack in an explosion-hazard environment. • Never insert conductive objects, e.g. screwdrivers or similar, into the charging socket on the appliance.

**⚠ WARNING** • Only charge the appliance using the original charger enclosed or with a charger approved by KÄRCHER. • Protect the power cable from heat, sharp edges, oil and moving parts. • Do not open the charger. Repairs are only to be carried out by qualified personnel. • Only use the charger for charging approved battery packs. • Immediately replace a damaged charger together with charging cable with an original part. • The appliance contains electrical components - do not clean the appliance under running water. • You may not charge the battery pack for longer than 24 hours without interruption.




**⚠ CAUTION** • Do not use the battery pack when dirty or wet. • Keep the charger ventilation slits free of obstructions. • Do not pull the mains plug out the socket using the power supply cable. • Do not carry/transport the device using the power supply cable.

**ATTENTION** • Short circuit hazard. Protect the contacts of the battery pack from metal parts. • Only use and store the charger in dry rooms.

**Note** • Information on which type of charger/adaptor is to be used can be found on the type plate of the charger supplied and/or in the technical data in the operating instructions for the device.

### Symbols on the charger

(Depending on the charger)

	Protect the device from moisture. Store the device in a dry place. Do not subject the device to rain. The device is only suitable for indoor use.
	The device has a built-in fuse. The value (X) in amperes can be found on the respective charger.
	The device meets the requirements of protection class II.

### Battery/battery pack safety instructions

#### ⚠ DANGER

- Do not charge the battery pack in explosive atmospheres.
- Do not throw battery packs into a fire or into the household rubbish.
- Avoid contact with fluid leaking from defective batteries. Immediately rinse off the fluid using water if contact is made, and also consult a doctor in the event of contact with the eyes.
- Danger of explosion. Do not charge any non-rechargeable battery.

#### ⚠ WARNING

- Check that the voltage of the battery pack corresponds with the information on the type plate of the device used.
- Check the battery pack for damages before every operation. Do not use any damaged battery packs.
- Do not charge any damaged battery packs.

- Replace damaged battery packs with battery packs approved by KÄRCHER.  
Does not apply to appliances with a fixed battery
- Do not open the battery pack. Repairs are only to be carried out by qualified personnel.
- Only charge the battery pack with the approved chargers.
- Do not charge the battery unattended. Check the condition of the battery and charger regularly during the charging process.
- Disconnect the charger from the mains and the battery from the charger and stop using the charger and battery if you notice a fault, unusual odours or heat development during charging. Contact the authorized customer service.
- Do not remove permanently installed batteries.

#### ⚠ CAUTION





- Short circuit hazard. Protect the contacts of the battery pack against metal parts.
- Do not use the battery pack in a dirty or wet condition. Allow the connections to dry out completely before using the battery pack.
- Remove the battery pack from the device before carrying out any service or care work.  
Does not apply to appliances with a fixed battery

#### ATTENTION

- Short circuit hazard. Do not store the battery packs together with metal objects.
- Do not submerge the battery in water.
- Protect the battery pack against heat, sharp edges, oil and moving unit parts.
- Do not subject the battery pack to mechanical stress.
- Store the battery pack in a dry place.

### Symbols on the battery pack

(Depending on device/battery type)

	Do not throw the battery into water.
	Do not throw the battery into fire.
	Do not charge defective battery packs.
	Only use the battery pack with the approved chargers. Information on which type of charger/adaptor is to be used can be found on the type plate of the charger supplied and/or in the technical data in the operating instructions for the device.

### Safety instructions for transportation

The lithium-ion battery is subject to the requirements of dangerous goods regulations.

The battery pack can be transported by the user in public traffic areas without any further restrictions. When shipping by third parties (transport companies), special requirements for packaging and labelling must be observed.

Do not use the battery pack if the casing is damaged. Tape off open contacts. Pack the battery tightly and securely. The battery pack must not be able to move in the packaging.

## **⚠ DANGER**

- A defective or non-functional battery pack must not be mailed and must be disposed of on site in accordance with the applicable regulations.

Observe the national regulations.

### **Intended use**

- Only use the device in private households.
- The device is intended exclusively for cleaning dry surfaces
- The following are not in accordance with the intended use:
  - Cleaning people, animals, plants or clothing on the body.
  - Soaking up water or other fluids.
  - Extraction of glowing ashes, coal, cigarettes or other flammable or easily inflammable substances.
  - Use in the vicinity of explosive or highly flammable substances.

### **Environmental protection**



The packing materials can be recycled. Please dispose of packaging in accordance with the environmental regulations.



Electrical and electronic appliances contain valuable, recyclable materials and often components such as batteries, rechargeable batteries or oil, which - if handled or disposed of incorrectly - can pose a potential threat to human health and the environment. However, these components are required for the correct operation of the appliance. Appliances marked by this symbol are not allowed to be disposed of together with the household rubbish.

#### **Notes on the content materials (REACH)**

Current information on content materials can be found at: [www.kaercher.com/REACH](http://www.kaercher.com/REACH)

### **Accessories and spare parts**

Only use original accessories and original spare parts. They ensure that the appliance will run fault-free and safely.

Information on accessories and spare parts can be found at [www.kaercher.com](http://www.kaercher.com).

### **Warranty**

The warranty conditions issued by our relevant sales company apply in all countries. We shall remedy possible malfunctions on your appliance within the warranty period free of cost, provided that a material or manufacturing defect is the cause. In a warranty case, please contact your dealer (with the purchase receipt) or the next authorised customer service site.

(See overleaf for the address)

### **Scope of delivery**

The scope of delivery for the appliance is shown on the packaging. Check the contents for completeness when unpacking. If any accessories are missing or in the event of any shipping damage, please notify your dealer.

### **Device description**

The scope of delivery of the device (depending on the model) is shown on the packaging. These operating instructions describe all possible options

For the illustrations, refer to the graphics page.

#### **Illustration A**

- ① Boost function LED indicator light
- ② Battery/battery error message LED indicator light
- ③ Floor nozzle fault LED indicator light
- ④ Suction duct fault LED indicator light
- ⑤ \* HEPA-Filter
- ⑥ Boost function button (increases the suction performance)/HEPA filter cover
- ⑦ On/Off switch with locking lever
- ⑧ Handle
- ⑨ Replaceable battery
- ⑩ Battery unlocking button
- ⑪ Air inlet filter
- ⑫ Dust container cover flap
- ⑬ Dust container
- ⑭ Dust container cover flap unlocking button
- ⑮ Dust container suction fitting
- ⑯ Motor-driven electric brush with universal brush roll and LED light
- ⑰ Suction pipe
- ⑱ Charger
- ⑲ Wall bracket with charging function
- ⑳ \*\* Crevice nozzle
- ㉑ \*\* 2-in-1 upholstery nozzle
- ㉒ \*\* Air inlet filter
- ㉓ \*\* Filter cleaning tool
- ㉔ \*\* Mini turbo brush
- ㉕ \*\* 2-in-1 furniture brush
- ㉖ \*\* Large upholstery nozzle
- ㉗ \*\* LED-crevice nozzle
- ㉘ \*\* Flexible extension hose
- ㉙ \*\* Flexible crevice nozzle
- ㉚ \*\* Removable battery
- ㉛ \*\* Soft brush
- ㉜ \*\* Free-standing parking station
- ㉝ \*\* Soft motor-driven brush (Hard floor nozzle)

\* EN 1822:1998

\*\* option





## Removing the battery

### **⚠ WARNING**

#### **Uncontrolled startup**

*Risk of injury*

Remove the battery from the device before service and care work or if the device is not going to be used for a long period of time.

1. Press the unlocking button.
2. Remove the battery from the device.

#### **Illustration J**

## Operation

### LED display

The LEDs on the head of the device and on the battery indicate information about the battery status, boost mode and error messages.

The charging state of the battery is indicated by the 3 green LEDs on the device as well as by the 3 green LEDs on the battery.

See figure A on the graphics page and chapter *Gerätebeschreibung*

Battery charging state

LED	Duration of lighting	Meaning
1st LED flashes green	1 s on / 1 s off	Battery charged below 7.5 %
1st LED lights up green	continuously	Battery charged below 40 %
1st and 2nd LEDs light up green	continuously	Battery charged below 70 %
3 LEDs light up green	continuously	Battery charged above 70 %
3 LEDs flash green	125 ms on / 125 ms off	Battery fault, after 30 s the signal goes out

The charging progress of the battery is indicated by the 3 green LEDs on the device as well as by the 3 green LEDs on the battery. The LEDs only light up when the battery is correctly installed.

While charging

LED	Duration of lighting	Meaning
1st LED flashes green	0.2 s from off to on / 0.6 s on / 0.2 s from on to off / 1 s off	Battery charging, battery charged below 40 %
1st LED lights up green 2nd LED flashes green	continuously 0.2 s from off to on / 0.6 s on / 0.2 s from on to off / 1 s off	Battery charging, battery charged below 70 %
1st and 2nd LEDs light up green 3rd LED flashes green	continuously 0.2 s from off to on / 0.6 s on / 0.2 s from on to off / 1 s off	Battery charging, battery charged below 99 %

While charging

LED	Duration of lighting	Meaning
3 LEDs light up green	2 min continuous lighting, then off	Battery fully charged

Error message

LED	Duration of lighting	Meaning
Suction duct flashes red	125 ms on / 125 ms off	Suction channel clogged
Floor nozzle LED flashes red	125 ms on / 125 ms off	Floor nozzle blocked

See also chapter *Troubleshooting guide*

Boost mode

LED	Duration of lighting	Meaning
LED half ring lights up green	continuously	Boost mode on

### Changing accessories

To change accessories, see chapter *Installing accessories*

### Vacuuming

1. Install the required accessories, see chapter *Installing accessories*.
2. Switch on the device, depending on cleaning requirements:
  - Press the On/Off switch and keep it pressed during operation.
  - or
  - Turn the locking lever to switch the device directly to continuous operation.

#### **Illustration K**

3. If necessary, press the Boost button to increase the dust intake.

#### **Illustration L**

#### **Note**

When the device is switched off, the boost function is automatically disabled.

The boost function can also be switched off by pressing the Boost button again.

### Ending operation

1. Switch off the device.  
Release the On/Off switch or disable the locking lever.

#### **Note**

To ensure an optimum suction performance, empty the dust container and clean the air inlet filter after each use.

Empty the dust container at the latest when the "MAX" marking is reached.

2. Remove the suction pipe or accessory.
3. Empty the dust container into a waste container.
  - a Press the unlocking button.  
The dust container flap opens.
  - b Empty the dust container.

#### **Illustration M**

4. To close the flap, push the dust container upwards until it clicks into place.



## Cleaning the dust container and cyclone filter

### Note

Before cleaning the dust container and cyclone filter, empty the dust container, see chapter *Betrieb beenden*

1. Switch off the device.
2. Remove the cyclone filter and air inlet filter.
  - a. Remove the cyclone filter from the dust container by turning it anticlockwise.
  - b. Remove the cyclone filter from the dust container and take the air inlet filter out of the cyclone filter.

### Illustration Q

## ATTENTION

### Short circuit hazard

There are cables or contacts in the dust container and cyclone filter for the power supply.

Make sure that the cables or contacts do not get wet when cleaning.

3. Clean the dust container and cyclone filter with a soft brush or a slightly damp cloth

### Illustration R

4. Clean the air inlet filter, see chapter *Cleaning the air inlet filter*
5. Re-insert the dry dust container and cyclone filter with air inlet filter into the device and close the flap.

## Cleaning the HEPA filter/replacing the HEPA filter

### Note

The HEPA filter ensures clean exhaust air.

- Clean the HEPA filter if it is visibly dirty.
  - Replace the HEPA filter if there is visible damage.
1. Switch off the device.

2. Cleaning the HEPA filter.

- a. Pull the HEPA filter cover with the HEPA filter out of the device.

### Illustration S

## ATTENTION

### Short circuit hazard

Power supply cables or contacts are located in the cover of the HEPA filter.

Before cleaning with water, remove the cover of the HEPA filter so that the cables or contacts do not get wet.

3. Carefully knock off the HEPA filter or if it is very dirty:
  - a. Unscrew/remove the cover of the HEPA filter.
  - b. Clean the HEPA filter under running water. Do not rub or brush off.
  - c. Then let the HEPA filter dry completely.

### Illustration T

- d. Fasten/screw on the HEPA filter cover.

## ATTENTION

### Health risk

HEPA filters that are not completely dry when installed in the device can be a breeding ground for spores and mould.

Make sure that the HEPA filter is completely dry on installation.

4. Insert the dry HEPA filter into the device.

### Illustration V

### Note

The HEPA filter only needs to be inserted into the device, a magnet allows the HEPA filter to snap into place automatically.

5. Replacing the HEPA filter

- a. Pull the HEPA filter cover with the HEPA filter out of the device.

### Illustration S

- b. Unscrew/pull off the cover of the HEPA filter and dispose of the used filter.
- c. Attach/screw on the new HEPA filter cover.

### Illustration U

6. Insert the HEPA filter into the device.

### Illustration V

## Cleaning the multi-function nozzle

1. Switch off the device.
2. Remove accessories.

## ATTENTION

### Short circuit hazard

The multi-function brush contains electrical components.

You must not immerse the multi-function brush in water or clean it with a damp cloth.

3. Clean the multi-function brush.
  - a. Unlock the brush roll cover / support with a coin or other object and remove it.

### Illustration W

- b. Remove the brush roll from the brush opening in the direction of the arrow.

### Illustration X

- c. Remove the dirt e.g. with a brush. If necessary, tangled threads or hair can be carefully cut off with scissors.
- d. Carefully clean the brush opening with a cloth or soft brush.

### Illustration Y

- e. Insert the brush roll into the brush opening.
- f. Lock the brush roll with a coin or other object.

### Illustration Z

## Cleaning the mini turbo brush

1. Switch off the device.
2. Remove accessories..

## ATTENTION

### Short circuit hazard

The mini turbo nozzle contains electrical components.

Do not immerse the mini turbo nozzle in water or clean with a damp cloth.

3. Cleaning the mini turbo brush
  - a. Press down on the brush roll cover and remove the brush roll.

### Illustration AA

- b. Remove the dirt e.g. with a brush. If necessary, tangled threads or hair can be carefully cut off with scissors.
- c. Clean the brush opening carefully with a cloth or soft brush.

### Illustration AB

- d. Insert the brush roll at an angle and fully into the brush opening, pushing up until the cover snaps into place.

### Illustration AC

## Troubleshooting guide

Malfunctions often have simple causes that you can remedy yourself using the following overview. When in doubt, or in the case of malfunctions not mentioned here, please contact your authorised Customer Service.

### The device does not start up

Battery is empty.

- Charge the rechargeable battery.

Battery is not inserted correctly.

- Push the battery into the mount until it locks into place.

Battery is defective.

- Replace the battery.

#### The battery is not charging

The charging plug/mains plug is not connected correctly.

- Connect the charging plug/mains plug correctly.

The socket is defective.

- Check that the socket is working.

The wrong charger is being used

- Check that the correct charger is being used.

#### The device stops during operation or the suction performance is poor

The battery has overheated.

- Stop work and wait until the battery temperature is back in the normal range.

The accessories, the suction opening on the dust container or the suction pipes are clogged.

- Remove the clog with a suitable aid.

The dust container is full.

- Empty the dust container.

The filters are soiled.

- Clean the filters, see chapter *Care and service*.

Roller brush is blocked.

- Remove any blockage.

#### The LED indicator lamp for the suction channel and / or floor nozzle flashes red

##### Illustration AF

Blockage in the suction channel due to bulky objects / particles.

- Remove the clog with a suitable aid.

The dust container is full.

- Empty the dust container.

The filters are soiled.

- Clean the filters, see chapter *Care and service*.

Blockage in the floor nozzle due to bulky objects / particles.

- Remove the clog with a suitable aid.

Brush roll has got caught in long carpet fringes.

- Wear the device to separate the floor nozzle from the carpet.


#### Abnormal engine noise

The accessories, the suction opening on the dust container or the suction pipes are clogged.

- Remove the clog with a suitable aid.

## Technical data

### Electrical connection

Voltage of charger	V	25,2
Nominal power	W	250
Battery pack type	Li-ION	
Charger	30 V TEK	
Model	YLS0241A-E300060	
Part number	9.754-741.0	
Nominal voltage of charger	V	100 - 240
Frequency	Hz	50 - 60
Charging time when the battery is completely discharged	min	235
Protection class		II

### Device performance data

Tank content	l	0,8
Operating time when battery is fully charged in normal operation	min	50
Operating time in maximum mode when battery fully charged	min	12

### Dimensions and weights

Weight (without accessories)	kg	1,7
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Subject to technical modifications.





