

solo[®]

49890 / 49891

Originalbetriebsanleitung,
vor der Benutzung gründlich lesen!

Original instructions,
read carefully before use!

Notice originale,
lire attentivement avant utilisation!

Manual original
¡lea cuidadosamente antes de usar!

Akku-Wassertank

**Battery powered
water tank**

**Réservoir d'eau
alimenté par batterie**

**Tanque de agua
alimentado por
batería**

de

en

fr

es



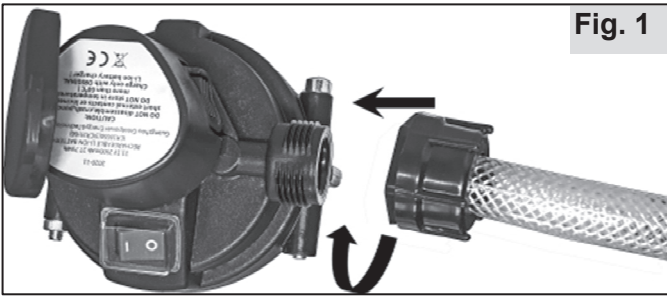


Fig. 1



Fig. 2



Fig. 3



Fig. 4

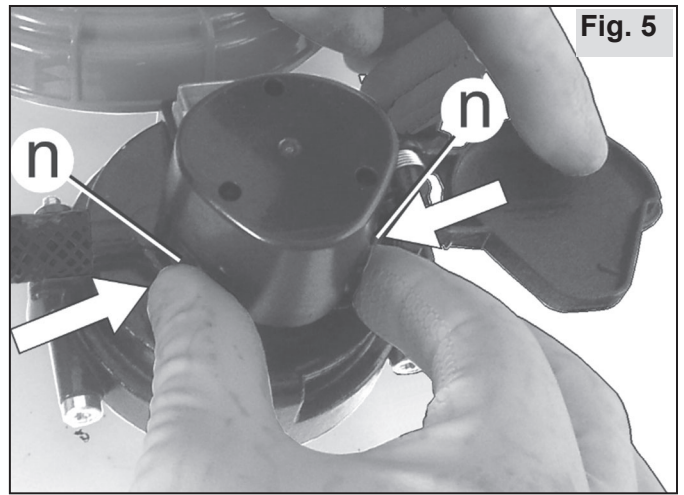


Fig. 5

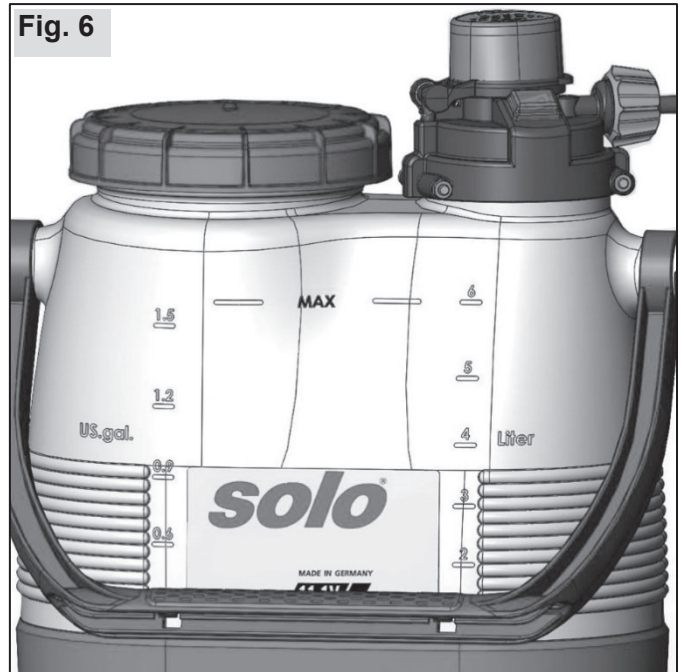


Fig. 6

Fig. 7

SOLO KLEINMOTOREN GmbH			CE
Industriestr. 9, 71069 Sindelfingen, Germany			
Akku Wassertank / battery powered water tank			 
a	Typ: 206	$m_{net.} = 2,3 \text{ kg}$	
b	model: 49890	$V_{tank} = 6,0 \text{ l}$	
c	SN: xxxxx	11,1 V DC 2,5 Ah	
Baujahr / date of production: mm/jjjj			
MADE IN GERMANY			

Original instructions

Read this instruction manual carefully before first operation and strictly observe the safety regulations!

Changes to the scope of supply in form, technology and equipment are reserved. No claims can be derived from any information and figures in these original instructions.

The original packaging and, at the end of its service life, the sprayer must be properly disposed of according to the local environmental regulations. Information about material ingredients (VO (EC) No.1907/2006 „REACH“) can be found on our homepage under: <https://shop.solo.global/Service/Support/Support/>

1 EC declaration of conformity

SOLO Kleinmotoren GmbH, Industriestraße 9, D-71069 Sindelfingen, GERMANY declares that the following machine, in the delivered version, corresponds to the provisions implementing the following directive: 2006/42/EC

Product designation: Battery powered water tank
Serial/type designation 49890, 49891

This declaration of conformity loses its validity, if the machine is modified or altered without our approval.

Storage location for the technical documents and documentation officer:
SOLO Kleinmotoren GmbH, Industriestraße 9, D-71069 Sindelfingen, GERMANY



01 01 2025

Sascha Luft (managing director and documentation officer)

2 Scope of delivery

- Basic unit
- Hose
- Carrying belt
- Rechargeable battery
- Charger

3 Wear parts

The following wear parts are not subject to the manufacturer's guarantee:

- * seals,
- * rechargeable battery

4 Warranty

Please observe that specific warranty conditions are valid in some countries. In doubt, ask your vendor.

No guarantee can be granted for any damage caused by:

- Non-observation of the original instructions.
- Omission of necessary maintenance and cleaning work.
- Wear and tear from regular use
- Use of unapproved working tools.
Use of force, improper treatment, abuse or accident.
- Manipulations by non-qualified persons or from improper repair attempts.
- Unauthorized modifications to the device.
- Use of unsuitable spare parts or non-genuine spare parts.
- Use of unapproved chemicals or dilutions.
- Damage caused by use in the rental business.

Any warranty work must be performed by one of our authorised specialist vendors. Cleaning, care and standard adjustments are not accepted as warranty services.

5 Symbols



Read the original instructions thoroughly.



DANGER! Non-observation of the original operating manual may cause accidents with injuries.



Wear the prescribed protective clothing.



Wear protective gloves.



Wear facial protection (e.g. goggles).



No open fire.



Electrical equipment must not be disposed of as normal domestic waste.



Ensure that the device, the rechargeable battery and all electrical accessories are disposed of or recycled at an official disposal or recycling facility for electrical equipment.



The device and the battery must not be exposed to splashing water or precipitation.

6 Safety provisions

6.1 Intended use / applications

- This battery powered water tank may only be used for applying water to bind dust when using cut-off machines or drills.
- Any further or other use is not permitted!
- Read the instruction manual of the Cut-Off Machine or the drill and observe the safety instructions!

6.2 General safety notes

Read the original instructions before first use and keep it in a safe place.

Non-observation of information provided in these original instructions may potentially be fatal; the user is liable for any damage, direct or consequential, caused by this.

The original instructions must be kept on hand at the site of use of the battery powered water tank at all times.

It must be read by all who are charged with any work with and on the device (including for maintenance, care and repair).

- Have safe use shown and explained to you by a SOLO specialist vendor.
- Persons with medical implants must consult a doctor before using the device or request information from the implant's manufacturer.
- Keep persons and animals away from the working area.
- This battery powered water tank must only be passed on to persons who are familiar with this model, its operation and the original instructions.
- If you work with this battery powered water tank, you should be physically fit, rested and healthy.
- Do not use the battery powered water tank while under the influence of alcohol, drugs or medication.

- Never make any changes to existing safety provisions and operating parts.
- Only use the battery powered water tank when it is operationally safe to do so. Check the device before every use according to chap. 10.1.
- Replace damaged parts without delay. Only use SOLO genuine spare parts.
- Only use the genuine battery. Accessories and batteries must be approved for this device.

In case of serious disturbances such as smoke development or strong odours remove the unit from your body. If there aren't flames yet and the battery is not too hot, remove the battery from the device and place it on a fireproof surface. Keep a sufficient safety distance. In the event of a fire, call the fire brigade immediately. Have the equipment checked immediately by an authorized specialist workshop.

6.3 Safe handling of the rechargeable battery and the charger

- The charger must only be used to charge the original battery of this battery powered water tank indoors.
- The mains must correspond to the information on the charger in value, type, and frequency of the operating voltage. The socket must match the mains plug of the charger precisely.
- Do not charge during long-term absences

(holidays).

- After charging disconnect the charger from the power supply immediately.
- Always hold the body of the plug when plugging it in and disconnecting it. Never pull it out by the cable.
- Never connect the two terminals of the rechargeable battery (+ / -) with a conducting object (short circuit). Make sure there cannot be any short circuit of the contacts when charging the battery outside of the device.
- When cleaning the charger, the main plug must be disconnected from the mains. Keep the charger, the rechargeable battery and all of the electronics well away from splash water. These areas should only be cleaned with a dry or slightly damp cloth.
- The rechargeable battery contains dangerous substances. Never open the battery or the charger.
- Only use the genuine charger to recharge the battery.
- Never mail any defective/used-up batteries anywhere.

6.4 Before and during work

- Before starting work, always check the entire device for operational safety according to chap. 10.1.
- In case of serious disturbances or accidents during operation of the device as smoke, strong odors from the device or if the device is in flames instantly remove the unit from your body and take a safe distance. In case of fire, you have to call the fire department immediately.

6.5 When transporting the device

- Always switch off the pump when transporting the device.
- The device must be securely strapped down when transported on vehicles.

6.6 Maintenance, repair and storage

Only perform maintenance and repair work yourself that is described in these original instructions. All other work must be carried out by an authorised specialist workshop.

- Do not service, repair or store the sprayer near open fire.
- Always turn off the pump before any

7 Work preparation

7.1 Assembly

Fig. 1:

Remove and discard the plug from the threaded connector of the pump. Screw the hose with the union nut to the threaded connector of the pump.

Fig. 2: (Image is exemplary)

To connect the hose to the Cut-Off Machine attach the quick coupling of the hose firmly onto the fitting on the Cut-Off Machine until it engages noticeably.

7.2 Charging the battery

Before removing the rechargeable battery from the device, always switch the on/off switch to "0"!

Fig. 3

To remove the rechargeable battery from the device, compress the two latching levers (n) to unlatch the battery, and then take out the battery upwards.

The rechargeable battery needs to be charged before you can use the device for the first time.

Charging time: Approx 2 hours

Place the charger on a stable support and connect it to a suitable mains.

Before replacing the battery, make sure that the battery and charger contacts are clean, dry, and free of foreign bodies.

Fig. 4

Push the battery into the charger in the proper position (according to the figure).

While the battery is charging, the LED on the charger lights up red. Once the battery is fully charged, the LED switches to green.

After charging, remove the battery from the charger upwards and disconnect the charger from the mains.

Fig. 5

Put the battery into the device in the correct position (according to the figure) from above until it latches noticeably. Check that the battery is seated securely.

8 Filling the tank

To fill the tank, always remove the rechargeable battery from the unit and close the protective cover for the rechargeable battery compartment.

When filling the tank, always use the filler basket with the integrated filter screen (r).

Fig. 6

Fill the tank no further than to the upper-most mark (**MAX**) of the spray tank.

9 At the end of the work

At the end of work, turn off the pump with the on/off switch.

Remove the battery and store it securely.

Empty and clean the device according to chap.

10.2, clean your face and hands thoroughly, take off work clothing and wash it regularly.

10 Maintenance, cleaning and storage

10.1 Maintenance plan

Before starting work:

- Check the entire sprayer is operationally safe by:
 - Visual inspection of the battery powered water tank
 - Checking the tightness of all parts.
 - Checking the working of all functional parts (on/off switch).

10.2 Empty and clean the tank

Turn off the pump, depressurise the device, remove the battery, and store it securely.

Empty the tank.

Never use any aggressive, acid- or solvent-containing cleaning agents (e.g. petrol).

After cleaning, let the tank dry in the open air.

10.3 Down periods and storage

Turn off the pump, depressurise the device, remove the battery, and store it securely.

Empty and clean the battery powered water tank according to chap. 10.2.

Keep the battery powered water tank protected from sunlight in a dry, frost-free and secure location at a temperature of max. 35 °C [95 °F].

Prevent unauthorised use – especially by children.

11 Type plate

Fig. 7:

a: Type designation

b: Serial number

c: Manufacturing month/year

12 Technical data

Tank:	Total volume Max. fill volume	Approx. 7 l [1.85 gal] 6.0 l [1.59 gal]
Residual volume, (remaining liquid in tank that cannot be used)		< 200 ml [6.8 oz]
Pump system		SOLO Diaphragm pump
Permissible operating temperature		0–40 °C [32–104 °F]
Filter insert:	Mesh gauge	0.8 mm [0.031"]
Filling screen:	Mesh gauge	1.8 mm [0.071"]
Intake screen (stainless steel)	Mesh gauge	0.35 mm [0.014"]
Weight:	Ready for operation, empty, w/o battery Ready for operation, with max. filling volume	2.3 kg [5.07 lbs] 8.4 kg [18.52 lbs]
Dimensions (without battery and pressure hose):		height Width Depth
		305 mm [12.0"] 345 mm [13.6"] 195 mm [7.7"]
Rechargeable battery (Li-Ion)	Rated voltage Capacity	11,1 V 2.5 Ah
Battery charger	Input operating voltage Frequency of operating voltage Rated output voltage Max. charging current Protection type / protection class	100–240 V AC 50/60 Hz DC 12.6 V 1.5 A IP 20 / II
Charging time with minimum initial battery charge		Approx. 1.9 h
Operating time with standard nozzle per charging cycle (0.6L/min@2.5bar [0.158 USgal @36 psi])		Approx. 2.8 h
Sound pressure level ¹ L _{P_{eq}} according to EN ISO 3744		< 70 dB(A)
Sound power level ¹ L _{W_{eq}} according to EN ISO 3744		< 70 dB(A)
Weighted effective acceleration ¹ a _{h_v,eq} according to EN ISO 5349		< 2.0 m/s ² [78.7 "/s ²]

¹ In determining the above mentioned values regarding the acceleration of vibrations and sound, the different operating conditions were weighted in accordance with the current standards.

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Made in Germany



SOLO Kleinmotoren GmbH

Industriestraße 9 D-71069 Sindelfingen
Postfach / PO Box 60 01 52 D-71050 Sindelfingen
DEUTSCHLAND / GERMANY
Tel.: +49 (0)7031 301-0 Fax: +49 (0)7031 301-202
info@solo-germany.com <http://solo.global/>