





## helpmation GFS-C1 Smart Portable Washer User Manual

[Home](#) » [helpmation](#) » helpmation GFS-C1 Smart Portable Washer User Manual 



Manual  
Model: GFS-C1  
Smart Portable Washer  
verze 3.16



	Declaration of conformity. The product satisfies the requirements of the European Union (EU).
	All electrical and electronic products should be disposed of separately from the municipal waste stream via designated collection points. Ecological Disposal of the device is secured in a collective scheme RETELL ( <a href="http://www.retela.cz">www.retela.cz</a> ). Used batteries or accumulators as unsorted waste is not, you can pass free of charge in many areas, which are marked as „site-back“ companies ECOBAT ( <a href="http://www.ecobat.cz">www.ecobat.cz</a> ).
	The Green Dot mark is a trademark. Labeling the Green Point means that packaging has been paid to secure the financial contribution to the organization of the take-back and recovery of packaging waste in accordance with Directive 94/62 EC ( <a href="http://www.ekokom.cz">www.ekokom.cz</a> ).

## Contents

- [1 Important Safety Instructions](#)
- [2 Description](#)
- [3 Package content](#)
- [4 How to assemble](#)
- [5 Spray Gun Assemble](#)
- [6 How to operate](#)
- [7 Spray gun Operation](#)
- [8 General maintenance](#)
- [9 FAQ](#)
- [10 Specification](#)
- [11 WARRANTY](#)
- [12 Documents / Resources](#)
  - [12.1 References](#)
- [13 Related Posts](#)



## Important Safety Instructions

Please read these instructions and warnings carefully before using your Portable car washer.

Small parts may cause choking hazards. Do not fill any liquid other than clean water, serious injury may occur. Study the product thoroughly before operating it, and be familiar with its operating controls. Do not operate the product when in doubt or under the influence of alcohol or drugs.

Damaged high-pressure hoses can burst and can cause a potentially hazardous situation or injury. High-pressure hoses should not be kinked, crushed, twisted, or damaged in any way. replace the high-pressure hose should this occur. Use water of temperature at 10°C to 60°C only.

Do not leave the appliance when plugged in. Unplug from the power port when not in use and before maintenance of the machine. This is NOT a toy. Close attention is necessary when used near children. Use only the manufacturer's recommended accessories and replacement parts.

Do not use a damaged cord or plug.

Do not use the appliance if it is damaged or dropped into the water and when it is not working as it should.

Do not pull or carry by cord, or use cord as a handle, or pull cord around sharp edges. Keep cord away from heated surfaces. Keep nozzle free of obstructing objects. Do not use the machine when the nozzle is clogged; keep free of dust, lint, hair, and anything that may reduce airflow.

Keep hair, loose clothing, fingers, and all parts of the body away from moving machine parts.

Do not use without a water filter in place. Turn off all controls before unplugging. Using improper voltage may result in damage to the motor and possible injury to the user. Proper voltage is listed on the cleaner plate.

Do not direct the water jet toward the unit itself, electrical parts, or other electrical equipment.

Do not alter the original diameter of the spray head nozzle.

DISCHARGE residual pressure before disconnecting the portable car washer hose. Before using the portable car washer, CHECK every time that the screws are fully tightened and that there are no broken or worn parts. Not to be used with chlorine-based type cleaners or any detergents.

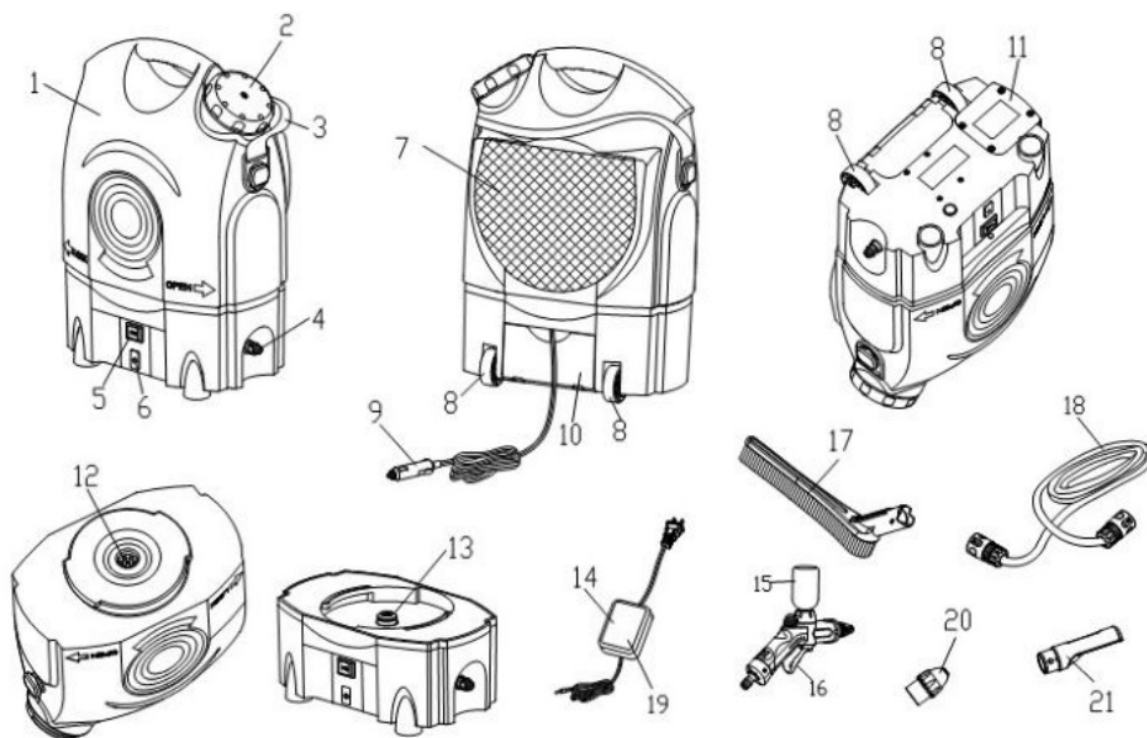
Do not fill the water container with anything but water, or your warranty will be VOID. Never submerge the machine in water.

Do not allow the system to freeze. Always empty and store indoors. Freezing will damage the pump and water lines.

Do not remove the cover plate or attempt to disassemble your machine. This will void all warranties and may cause serious injury. Always use the recommended plug/amp fuse for your machine. Any other may cause damage to your machine or vehicle.

Do not spray water directly at the eyes or mouth.

## Description



1. Water tank
2. Lid
3. Lanyard
4. Hose inlet
5. Power Switch
6. Inlet for charger
7. Mesh Storage Compartment
8. Wheels
9. Power Cord
10. Cover for the power cord
11. Cover for Battery
12. Water outlet


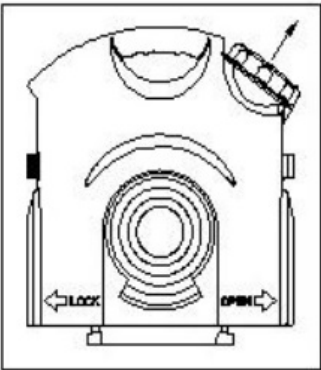

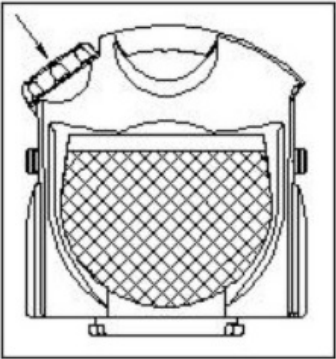
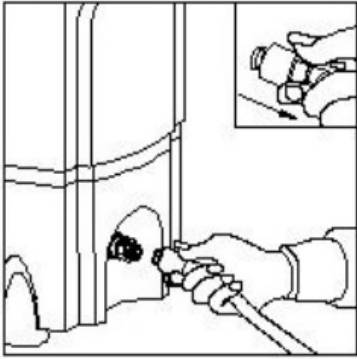


13. Water inlet
14. Mains Charger
15. Soap Bottle
16. Multi-function Spray gun
17. Brush head
18. Hose
19. Indicator  
(Turns from RED TO GREEN)
20. Nozzle head
21. Shower Head

## Package content

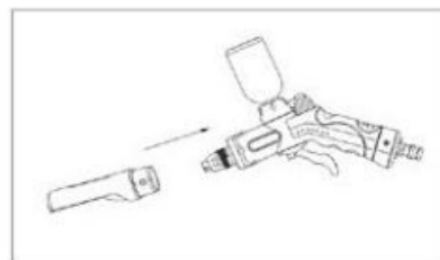
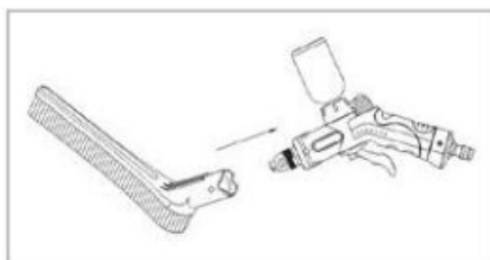
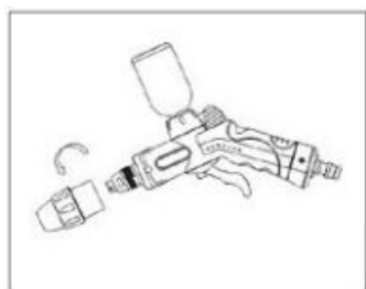
- 1 x Main unit with a water tank
- 1x Adapter AC 100-240V, 12V
- 1 x Battery Lead-acid 12V (inside the main unit)
- 1 x High-pressure hose
- 1 x Spray Gun with a soap bottle

- 1x Brush head
- 1 x Shower Head
- 1 x Shoulder strap
- 3 x Sealing Ring
- 1 x Instruction

## How to assemble

		
Take off the water tank.	Turn lid counterclockwise to remove.	Fill the tank with fresh water. <b>IMPORTANT:</b> Temperature at 10°C to 60°C water.
		
Replace the lid by turning clockwise to secure it into place.	<b>ATTACH HOSE</b> Attach the hose to the tank by pushing down the quick connector.	Attach the bottle to the spray gun by twisting the bottle from left to right.
	<b>ATTACH SPRAY NOZZLE</b> Connect a hose to the spray nozzle by pushing down the quick connector.	

## Spray Gun Assemble



Connect the Brush/Shower Head to the spray gun.

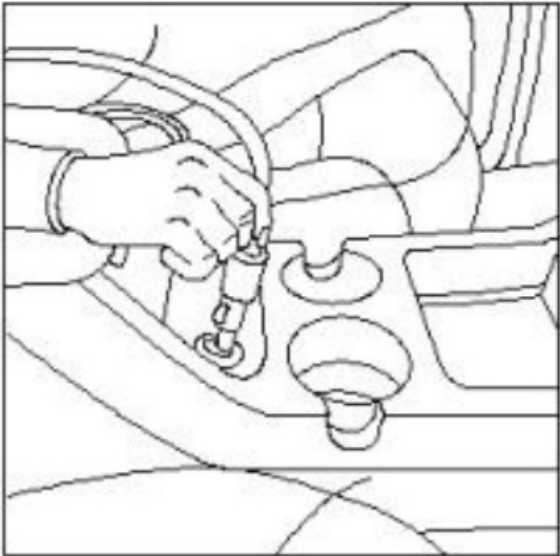
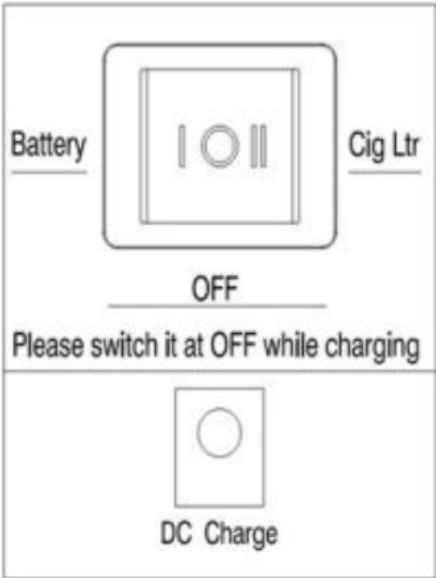
Pushing the Brush/Showerhead to the spray gun firmly after aiming the salient points at the Brush/Shower Head

with the holes at the spray gun.

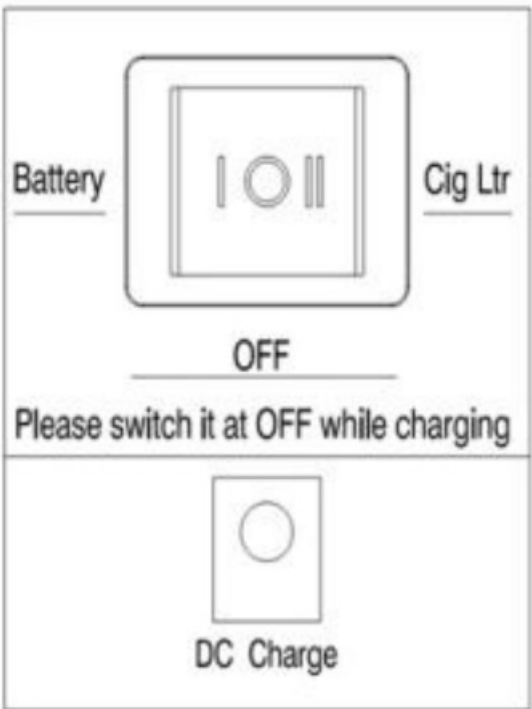
How to operate

**! IMPORTANT!** disconnect the power cable whenever the engine is turned off for an extended period of time. the power does not turn off after switching off the engine in certain vehicles. if the power plug is left connected, the vehicle's battery may become run down or damaged.

For car cigar lighter

<p>Plug into the car cigarette lighter or power port. <b>NOTE:</b> Some vehicles require that ignition is in the ac cessory position.</p>	<p>Switch the power on „II“ to Cig Ltr.</p>
	

For battery



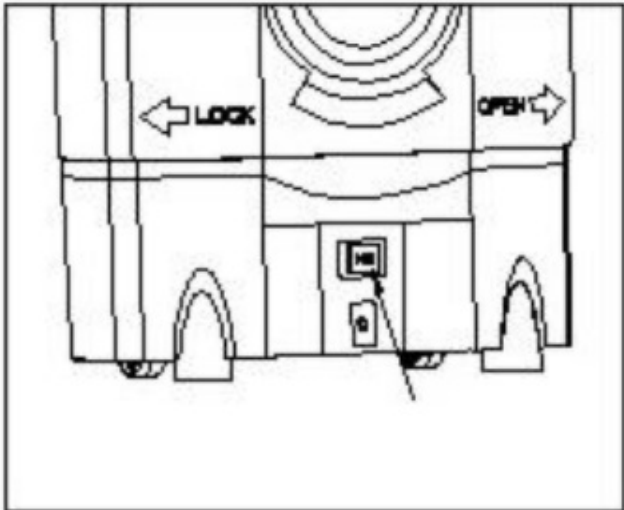
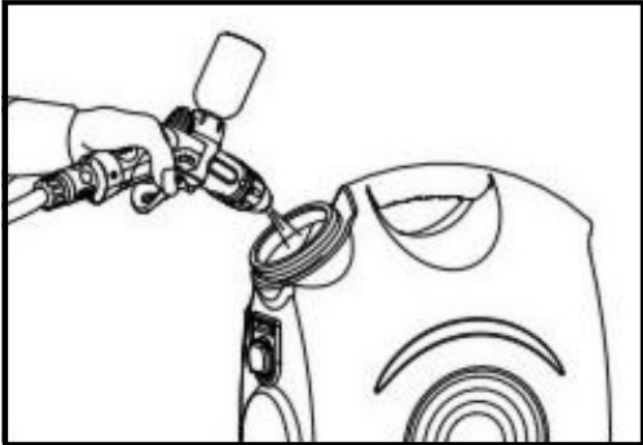
Switch the power on „I“ to use the power of the battery.

**NOTE:** Charge for 6 to 8 hours while using up the battery!

During charging must be switched in position „O“ OFF.

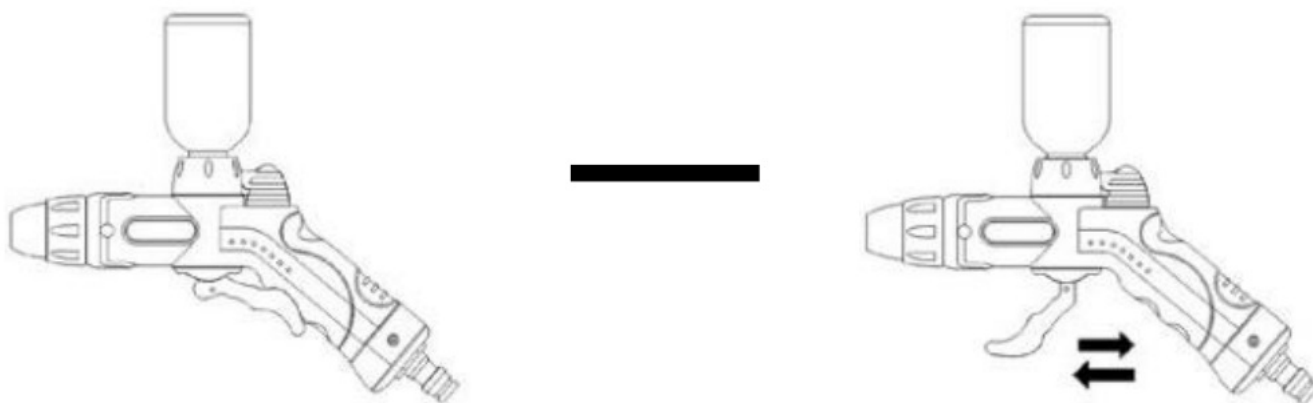
**BATTERY CHARGING:** Connect the charging adapter to the charging socket on the main unit (DC Charge) and then connect the adapter to the socket.

### Purge air from the system

	
<p>To purge air, turn the unit on „II“ or „I“.</p>	<p>Point nozzle into the water tank and squeeze lever until a steady stream of water exits the hose. With normal use, air can get trapped in the hose. We recommend the following steps to purge the air out of your system and get the maximum amount of pressure out of your new Portable Car Washer.</p>

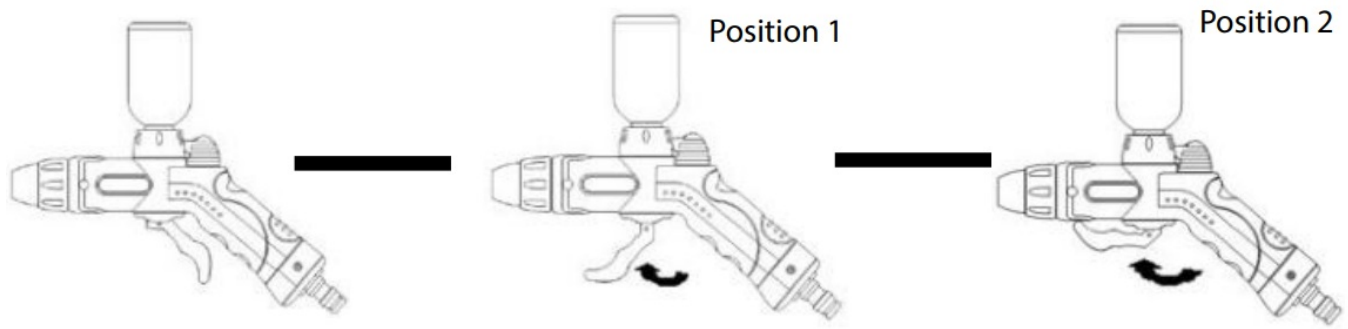
### Spray gun Operation

#### Intermittence flow



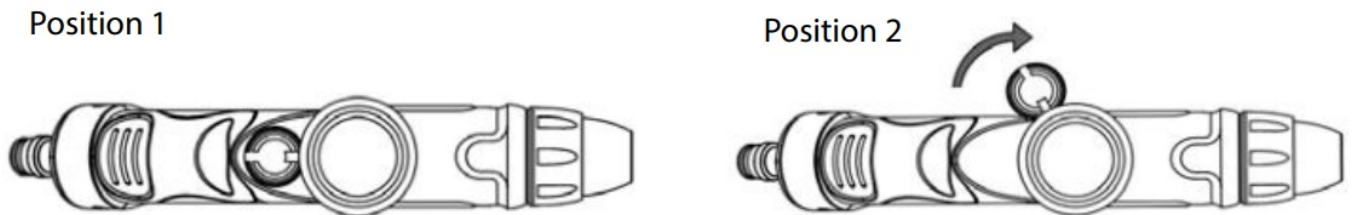
The intermittence flow will be performed when pulling and releasing the trigger repeatedly.

#### Continuous flow



Water will continuously flow when pulling the trigger locked at position 1 or position 2.

### Switch to control the detergent



The detergent will outflow when the switch is pushed to the left ( position 2 ).  
It will be shut off when the switch is in the middle ( position 1 ).

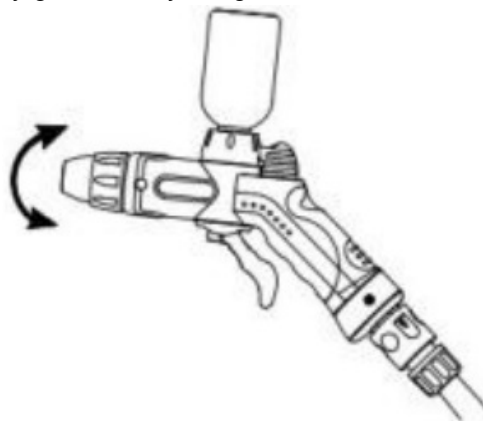
### Automatic shutoff

When the trigger is released, the dynamic pressure shuts the motor off automatically. When the trigger is pressed, the pressure drop automatically activates the motor, and pressure is formed once again with a slight delay. To ensure correct automatic shutoff operation, the time interval between trigger release and engagement must not be less than 5-10 seconds.

If you don't use the machine for more than 10 minutes, switch off the unit with the main switch.

### Adjust water mode

Rotating the nozzle head on the spray gun and adjusting water mode as needed.



### Shutting down your portable washer

1. Place the switch in the OFF position.
2. Pull the trigger on the spray nozzle to relieve any water pressure in the hose or spray nozzle.
3. Disconnect hose from unit.
4. Disconnect the nozzle from the hose.
5. Press spray nozzle to remove excess water.

## General maintenance



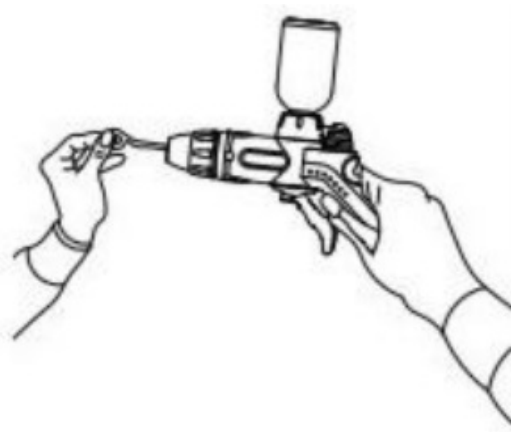
**WARNING:** Always disconnect the plug from the power supply before any maintenance is started.

### Water filter

Inspect the water filter before filling it with water. Clean water filter when necessary.

### Nozzle clogged

1. A clogged nozzle will cause the operating pressure to be too high causing the portable washer to surge. If this happens turn the unit off and unplug the pressure washer.
2. Unplug the power supply, pull the trigger on the spray nozzle handle to relieve pressure, and remove the nozzle from the hose.
3. Clean the spray nozzle with the nozzle cleaning tool. (See Diagrams 1&2 below).
4. Flush wand assembly backward with water or compressed air.
5. If pressure is still too high, repeat steps 1-2.



### Lubrication

No lubrication is required for this pump. Silicone grease may be added to hose connector O-rings if connecting becomes difficult. Add some silicone grease to the metal part of the spray nozzle if it has not been used for a long time.

### Caution!

Damaged high-pressure hoses can burst and can cause a potentially hazardous situation or injury. high-pressure hoses should not be kinked, crushed, twisted, or damaged in any way. replace the high-pressure hose should this occur.

### Replace fuse

Unscrew the end of the power cord adaptor to remove the old fuse. Discard and replace with a new fuse.



### For battery

- Please always keep the battery fully charged. We recommend charging the battery fully after each use to ensure the maximum battery life, First time in use, charging it before using.
- Please note that the battery charger will reduce over time if stored without use. Ideally charge the battery at



least once every three months to ensure it remains in a fully charged state.

- Check the battery clamps regularly to find out if it is loose, corrosive or defective, or leakage.

Maintenance may be required.

- Please always store the battery/Washer/Power Pack away from high temperatures or flammable &explosive goods.
- To prevent electric shock, please use an insulated tool or glove when fixing or maintaining.
- Please contact the factory or distributor if there is any defect in the battery. Do not disassemble by yourself.
- Do not clean the battery by using organic solvents or it may damage the battery.

### Storing of portable washer

Your portable car washer should be stored in such a way to protect it from freezing. Do not store this unit outdoors or in an area where temperatures will fall below 0°C (32°F). This can cause extensive damage to this unit and void the warranty.

### Drain water from the machine

Turn off the switch, and squeeze the nozzle lever to release pressure. Remove the nozzle and squeeze the nozzle to drain water from the nozzle.

Empty water from the tank. Turn the unit on and run for approximately 30 seconds without a nozzle.

Detach high-pressure hose. Elevate one end and allow water to drain from the hose.

Remove and place the hose, nozzle, and power cord in mesh storage compartments.

Store this unit indoors and the temperatures must be over 0°C (32°F).

## FAQ

Water Pump Doesn't Work	Check power cord is attached properly and has not been damaged in any way. Check the vehicle's battery, in some vehicles, the cigarette lighter will only have electricity when the ignition is switched on. Check the fuse for the cigarette lighter. If using the built-in battery, check if the battery is needed to be recharged or not, and is well-connected.
No Water Spray Out When Start the Water Pump	Check the nozzle is not clogged. Check that the water inlet is not blocked. Check that the water hose is not bent or twisted and firmly attached.
The Pump is struggling with a badly joggling	Check if the nozzle tip is clogged or not Check if apply a higher voltage than the rating voltage.



### NOTICE!

To avoid using up the car electricity, please start the engine if you need to use the cigarette lighter for more than 30 minutes.

## Specification

Model	GFS-C1
Description	Portable Smart Washer
Dimensions	350 x 230 x 530 mm
Weight	7 kg
Adapter	AC 100-240V, 12V (including package)
Battery	Batéria Lead-acid 12V (in the main unit)
Power	60 W
Pressure (PSI)	43,5 – 130,5
Pressure (bar)	9-Mar
Capability	17 liter
Charging time	6 – 8 hours
Hose	6 m
Power cord	3 m
Noise	less than 70 dB


## WARRANTY

Product:		Signature and stamp dealer:
Model:		
SN:		
Data of sale:		

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[www.helpmation.com](http://www.helpmation.com)

	<p><a href="#">helpmation GFS-C1 Smart Portable Washer</a> [pdf] User Manual GFS-C1 Smart Portable Washer, GFS-C1, Smart Portable Washer</p>
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## References

- [Úvod - ECOBAT](#)
- [Úvod - ECOBAT](#)
- [EKO-KOM – Systém sběru a recyklace obalových odpadů](#)
- [Helpmation specialista na bezdotykovou domácnost | helpmation.cz](#)
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