



## Electric Autonomous Sprayer



- ✓ Multi-Uses,
- ✓ Rechargeable Lithium-ion battery operated,
- ✓ Mobility : Autonomous free use,
- ✓ No connection to water, electricity or compressed air,
- ✓ Providing two batteries, you can use it continuously,
- ✓ Spray up to 13 M,
- ✓ Tank with integrated trolley  
12V DC pump





## Electric Autonomous Sprayer

### 1. CHARACTERISTICS

- Battery : **Lithium-ion - 18V -2600 mAH**
- Battery Charger: **100-240vac - 50-60HZ**
- Battery Loading time : **around 3h**
- Tank capacity : **30 litres**
- Pressure (Position 1) : **5 à 7 bar**
- Pressure (Position 2) : **4 à 4,5 bar**
- Flow (Position 1) : **240 L/h** (with straight spray nozzle)
- Flow (Position 2) : **180 L/h** (with straight spray nozzle)
- Working time (continuous) : **around 2h**
- S/Steel lance with quick coupler - Length : **400 mm**
- Hose's length : **6 metres**
- Spray distance : **up to 13 metres**
- Size :  
Width = **400mm** / Height = **1150mm** / Depth = **350mm**  
Net Weight : **9,6 kg**



**IDEAL FOR  
REMOVING  
MOSS ROOF**







## Electric Autonomous Sprayer

### 2. WORKING PRINCIPLE

- The tank is equipped with a diaphragm pump and Viton seal - operated by pressure switch.
- Activating the handle, the pump starts automatically.
- Allows spraying, disinfection and low pressure cleaning (4 to 7 bar) with a ready to use solution "water + chemical".

### 3. FEATURES

- ✓ **MULTI- USES – MANY AREAS OF APPLICATION**
- ✓ **WORKS WITH RECHARGEABLE LITHIUM-ION BATTERY**
- ✓ **MOBILITY : SPRAY IN ALL FREEDOM**
- ✓ **NO WATER CONNECTION, NO ELECTRICITY OR COMPRESSED AIR**
- ✓ **EASY - TO - USE, ECONOMICAL, EFFICIENT**
- ✓ **SUPPLY WITH 2 BATTERIES CONTINUOUS USE**
- ✓ **ONE –HAND-USE : WORKING SAFETY IN HEIGHT**

- Safe Work, no need to carry and pump.
- Delivered with a nozzle having a **spraying distance up to 13 metres (special roof moss removing )**.
- With a adjustable flow rate nozzle, the Pro Sprayer is very economic : 3 or 4 times less product consumption.



### SOME APPLICATION FIELDS :

- **Living areas :**  
Roofs, facades, terraces, anti-moss ...
- **Community hygiene and food.**
- **Gardens.**
- **Agriculture and wine growing,**
- **Swimming pools and camping,**
- **Automotive,**
- **Construction Industry,**
- **Livestock,**
- **Horses centres, ...**



## Electrical Autonomus Sprayer

### 4. LOCATIONS OF COMPONENTS

**HANDLE AND SPRAY LANCE**  
Quick coupler Assembly 280 bar – 25 L/min – 150°C  
PTFE O' rings



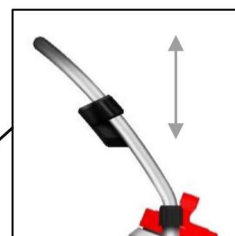
**SPRAY GUN**  
Possibility to put directly a nozzle without lance



**LANCE HOLDER**  
Allows to store the lance



**BOX**  
Accessories storage.



**HANDLE**  
Adjustable height



**FILTER SIEVE**  
removable and easy to clean



**TANK**  
Capacity of 30 litres  
Material : PE



**SPRAYING NOZZLES**  
1 Flat spray nozzle (green)  
1 Straight spray nozzle (red)  
1 Fog spray nozzle (silver)- ADJUSTABLE



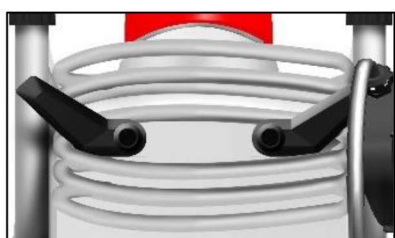
**SPRAYING NOZZLES**  
Quick coupler assembly





## Electric Autonomous Sprayer

### 4. LOCATIONS OF COMPONENTS



**HOSE HUNGER**  
Easy to store the hose



**PLASTIC WHEELS**  
Off-road



**WHEELS**  
Mounted on a sturdy metal shaft and integrated into the tank.



**CHARGER + BATTERIES**  
100-240 vac -50-60HZ



**3 POSITIONS SWITCH**  
1 – High flow  
0 – Stop  
2 – Low flow  
Battery charge Indicator



**DRAIN PLUG**



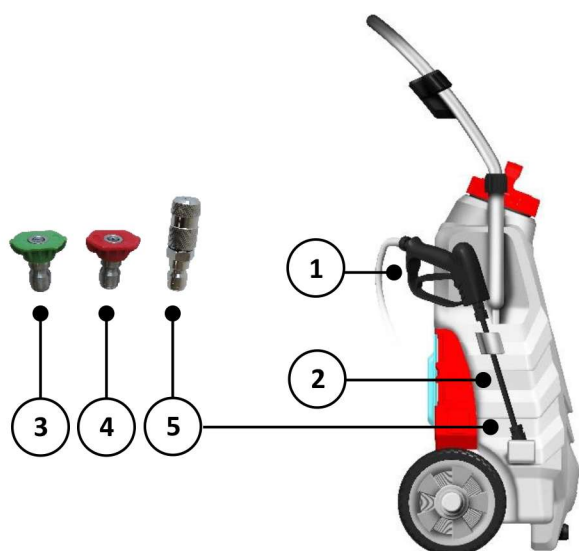
**BATTERY LOCATION**  
Cabinet with door protecting shocks and spatter.



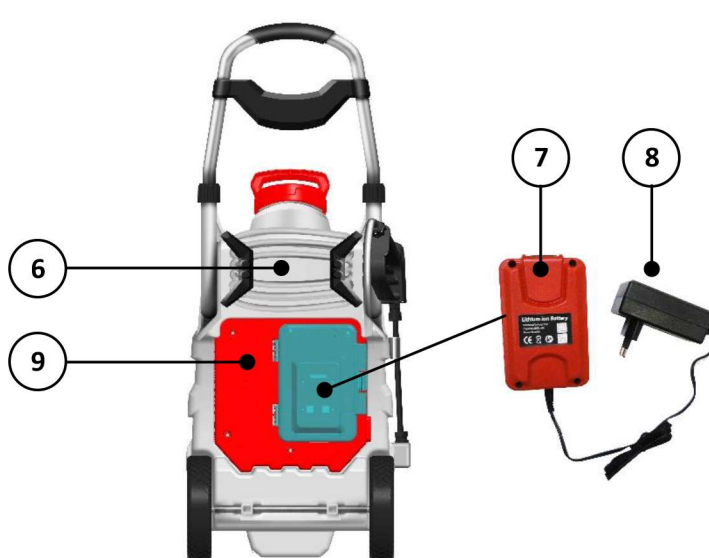


## Electric Autonomous Sprayer

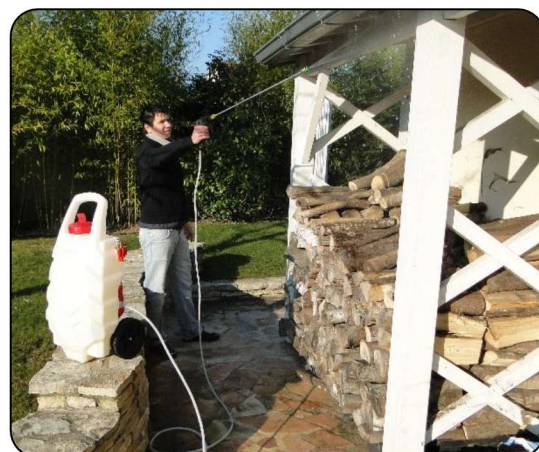
### 5. SPARE PARTS



N°	DESCRIPTION
1	Spray Gun
2	Spray Lance 40 cm
3	Flat jet nozzle (green)
4	Straight jet nozzle (red)
5	Fog spray nozzle (silver) ADJUSTABLE



N°	DESCRIPTION
6	6 metres hose
7	Battery Lithium-ion
8	Battery Charger
9	Diaphragm pump with integrated pressure switch

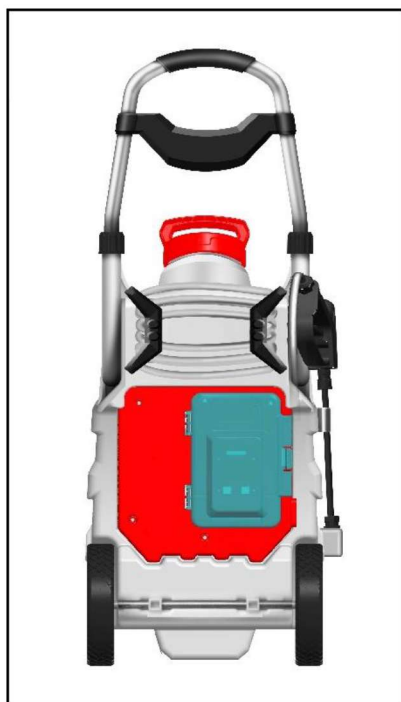






## Electrical Autonomous Sprayer

### 6. ASSEMBLY



BACK SIDE



FRONT SIDE



WHEELS ON THE AXLE



CHARGER + BATTERY



BATTERY LOCATION



CHARGE INDICATOR



LANCE HOLDER

1. Assembly the wheels (face as in the picture) then insert the pin and pinch the parts that exceed helped with a flat pliers.

. Clip the plastic pin caps.

2. Charge the battery for minimum 2h , using its mains charger on sector 220 V.

3. Insert the battery into its housing (located on the rear side of the sprayer).

4. Check that the battery is sufficiently charged with the indicator light which must be green.

**BEFORE GETTING STARTED,**  
**READ CAREFULLY**  
**OPERATING INSTRUCTIONS**

5. Assembly the Lance Holder with the two screws provided.

6. Nozzle are located into.





## Electric Autonomous Sprayer

### 7. INSTRUCTIONS USE

#### BATTERY CHARGE

The battery must be fully charged before use for the first time.  
The loading time is about 3 h.  
The supplied charger is for lithium batteries included into the pack.



#### BATTERIE MAINTENANCE

- a). Recharge the battery only with the charger specified by the manufacturer. A charger prescribed for a battery type can create a fire hazard when used with another type of battery.
- b) Use the tools only with specifically designated batteries. The use of any other battery may create a risk of injury and/or fire.
- c) When the battery is not in use, keep it away from metal objects such as paper clips, coins, keys, nails, screws or other small metal objects, which can connect from one terminal to another. Short-circuit the battery terminals may cause burns or fire.
- d) In extreme conditions, liquid may be ejected from the battery; Avoid contact with this liquid. In the event of accidental contact, rinse with water. If the liquid comes in contact with the eyes, consult an emergency doctor. Battery fluid may cause irritation or burns.

#### DO NOT USE

another charger to recharge the sprayer.

In order to protect the lithium battery against a complete discharge, when the battery is discharged, the sprayer switches off automatically using an integrated protective circuit.

#### WARNING

If the trigger is used continuously at this point, the lithium battery may be damaged.  
Do not attempt to continue using the sprayer before recharging the battery.

#### INSTRUCTIONS TO CHARGE THE BATTERY

- a) Plug the charger cable into the inlet load of the spray handgun .
- b) Make sure the wall outlet has a normal voltage (220v area), insert the battery charger plug into the main power supply).
- c) The charge indicator lights up red to indicate that the battery is charging.  
The battery is fully charged when the red charge indicator LED goes out and became green.  
During the charging process, the case of the handgun heats up, this is perfectly normal.  
When not using the gun for long periods of time, unplug the charger from the power outlet.  
When the sprayer is in charge, you should not try to use it.  
The temperature during loading must be between 5 and 45 ° C.  
After prolonged use, allow the battery to cool down before recharging.

#### WORK AREA SECURITY

- a). Keep the work area clean and well-lit. Crowded or dark places are conducive to accidents.
- b) Do not use power tools in areas that are suitable for explosions such as flammable liquids, Gas or dust. The power tools create sparks that could ignite gases or vapors.
- c) Keep children and other people away when using a power tool.  
Distractions can cause accidents.
- d) The jet must not be directed to people or animals.
- e) Use suitable personal protective equipment (goggles, masks, gloves, blouse...)







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### 7. INSTRUCTIONS USE

#### MAINTENANCE

- Keep the switch in the "0 " position when you are not using the unit to prevent inadvertent start-up.
- When changing products in the sprayer tank, complete internal cleaning of the tank.



- Do not store the reservoir containing liquids.
- Follow the chemical manufacturer's instructions for storage and/or disposal.
- Make sure the cap on the tank is tight and protected at all times.
- Clean the filter periodically to ensure good performance.
- Do not use corrosive chemicals that could damage the gaskets of the pump and/or spray handgun and all metal and/or brass parts that are in direct contact with the chemical.

#### CLEANING / STORAGE

- Never leave chemistry in the reservoir and transfer it to a container by activating the gun and filling immediately with water.
- After use, rinse handgun and tank thoroughly with clean water (at least 4 litres).
- Let the water flow through the spray gun for 30 seconds while pressing the trigger.
- If necessary, you can remove the two nozzles for cleaning.

#### CAUTION

- Always charge the battery before storing it
- During storage, recharge the battery at least once every three months to protect it from damage.
- Store the sprayer in a dry, secure place (out of reach of children).
- Do not place other objects on the sprayer. The sprayer must not be stored at temperatures above 35 ° C or directly in the sun.

#### PRODUCT LAYOUT

- Products such as electrical waste should not be disposed of with household refuse..
- It is a product with battery, recycle the product where the facilities allow it.
- Check with your local municipality or distributor about recycling.
- This product contains a lithium-ion battery.
- Do not dispose of the appliance in household waste, water or fire.
- Gun must be recycled or disposed of in an environmentally.
- Check the compatibility of the chemistry used with the device composers.






#### SAFETY PRECAUTIONS WARNING :

Do not follow warnings and instructions may have an electric shock, fire and/or serious injury. Keep all warnings and instructions. The term "power tool" in the warnings refers to the Your tool connected to a power outlet (wired) or battery (cordless).



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### 9. NOZZLES DELIVERY RATES

REF	NOZZLE TYPE	HIGH FLOW (Position 1)	LOW FLOW (Position 2)
	 Flat Spray Nozzle	<b>180 L/h</b>	<b>140 L/h</b>
	 Straight Spray Nozzle	<b>240 L/h</b>	<b>180 L/h</b>
	 Fog Spray Nozzle (Adjustable flow rate)	<b>De 18 à 200 L/h</b>	<b>De 15 à 160 L/h</b>

*(Indicative data- aspirated product : water)*

### 10. PACKAGING

#### COMPLETE DEVICE SOLD – READY TO USE

- ✓ 1 Spray Gun
- ✓ 1 Stainless steel lance (40cm) with quick coupler
- ✓ 3 Spray nozzles (Flat Spray , Straight Spray , Fog Spray)
- ✓ 1 28 litre tank (mobile on wheels)
- ✓ 1 or 2 Batteries - Lithium-ion (in function of the code)
- ✓ 1 Battery Charger
- ✓ 1 Hose of 6 metres
- ✓ 1 Instruction Manual



**Autonomy ~ 2h if continuous use**  
**Loading time battery ~ 3h**







## Electric Autonomous Sprayer

### 8. WARRANTY

#### LIMITED WARRANTY

##### WIRELESS SPRAYER WITH LITHIUM-ION BATTERY

1 YEAR WARRANTY from the date of acquisition except for the conditions and circumstances listed below.

##### THIS WARRANTY IS NOT VALID AND DOES NOT COVER :

- *Products sold in modified condition or used as rental equipment.*
- *Consumable items used in normal use.*
- *Esthetical defects doesn't interfere with the functionality of the product.*
- *Damage where liability is caused by shipping.*
- *Improper handling, improper installation.*
- *Incorrect voltage or poor wiring.*
- *A faulty maintenance.*
- *Improper modification or use of accessories and/or attachments are not specifically recommended.*
- *The cost of transporting the customer to the supplier.*
- *Necessary repairs due to abuse or neglect of the operator, or failure to install, operate, maintain or store the product in accordance with the instructions given in the operating instructions.*
- **ANY INCIDENTAL LOSS, DAMAGE OR EXPENSE THAT MAY RESULT IN FAULT, FAILURE OR MALFUNCTION OF THE PRODUCT.**
- *Damage caused by cold, frost, heat, rain, excessive moisture.*
- *Use with corrosive materials or contaminants not compatible with the components (materials, joints, ...) of the appliance.*



- Do not use corrosive chemicals that could damage the gaskets of the pump and/or spray hand gun and all metal and/or brass parts that are in direct contact with the chemical.



- Any doubt about, please contact your distributor to verify the compatibility of the chemicals used with the sprayer.
- Do not use solvents, diluents or paints.

#### MATERIEL CERTIFIÉ





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### 11. TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	SOLUTION
The pump does not work and a red light is activated	The battery is discharged	Load battery
The pump does not work and an orange light signal is activated	The pump motor is short-circuited	Change pump
	Short-circuit in the motor output cable	Change Cable
There is no output pressure	The tank is empty	Fill the tank
	The Deposit filter is dirty	Clean the filter
	Top of the pump is dirty	Clean the top of the pump
	Air in the hydraulic systems	Press the gun trigger to purge the air
The engine does not stop releasing the blade control	The tank is empty	Fill the tank
	The pressure switch is not set properly	Adjust sensivity
	The top of the pump is dirty	Clean the top of the pump
	The switch is defective	Change the switch
	The tank filter is dirty	Clean the filter
The engine operates in a intermittent way with the blade control on	Improper spray nozzle with low nominal flow	Use only recommended nozzles
	The output filters are dirty	Clean the filters
The battery has little autonomy and the spray is irregular	A bad contact in connections	Check the connection of the charger and the electrical circuit
	The battery	Change the battery
	The charger	Change the charger
An irregular spray	The nozzle is dirty	Take off the nozzle and clean it
	The nozzle is out of use	Change the nozzle