BATTERY SPRAYER SERIES



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1. Overview

Thank you for purchasing our Power Sprayer! This sprayer is designed by engineers with years of experience in the agricultural industry, ensuring its reliability and durability. We hope this product will bring you convenience and efficiency in your agricultural production. This manual provides detailed instructions on the sprayer's operation, maintenance, and troubleshooting. We recommend that you read this manual carefully before operating the sprayer to ensure safe and efficient use.

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2. Structure and Features

Sprayer: The sprayer consists of a barrel, a frame, a chassis, a control panel, a charger, a lithium-ion battery pack, a lance, a spraying rod, nozzles, a strap, and a wheel.

Features:

- Powerful and reversible operation: The barrel is ergonomically designed to ensure the load of human-machine cooperation.
- Lithium-ion battery pack: Equipped with a lithium-ion battery pack, high-power and long-lasting power, the fast charging, universal connection ensure its stable operation and long-lasting use.
- Multi-angle nozzle protection to prevent foreign matter or particles from clogging the nozzle, ensuring smooth and uninterrupted spraying operation.
- Fully sealed voltage-free circuit: In case of prolonged operation, the motor will be heated, which the voltage of home electricity is 220V, so we protect the battery. The equipment is fully sealed and voltage-free, ensuring safe and stable operation.
- Multi-angle adjustable spraying rod: The spraying rod can be adjusted to different angles to meet different spraying needs, improving spraying efficiency and coverage.
- Ergonomic design: The handle and other parts are designed according to ergonomic principles. This reduces fatigue of sprayer Power Charging Cover Charge/Charging Port.

3. Technical Parameters

Tank capacity	16L
Battery capacity	12Ah
Charge time	4-6hours
Battery specification	18V/12Ah Li-ion
Charger specification	18V/2A Li-ion
Motor	60W
Motor speed	300-500r/min
Motor voltage	220V
Nozzle	Adjustable
Max. Pressure	0.4MPa

4. Operating Instructions



Do not use to charge the battery with heavy rain and thunderstorm weather.

- Charge the battery for the first time for 8 hours. Subsequent charges can be completed in 4-6 hours. Do not charge for more than 8 hours to prevent damage to the battery.
- Ensure the charger is connected to a grounded power outlet to prevent electric shock.
- Do not charge in high-temperature environments to avoid battery overheating.
- Regularly check the charger and battery for damage. If any damage is found, stop using them immediately and contact a professional for repair.
- Do not disassemble the charger or battery pack to avoid electric shock or fire.
- Do not charge the battery pack in wet or damp environments to prevent short circuits.
- Do not use the charger for other devices.
- Do not charge the battery pack in direct sunlight or high-temperature environments.
- Do not charge the battery pack in flammable and explosive environments to prevent fire or explosion.
- Do not charge the battery pack in a sealed container to prevent gas accumulation and explosion.
- Do not charge the battery pack in a vehicle to prevent fire or explosion.
- Do not charge the battery pack in a place with children or pets to prevent accidents.
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5. Maintenance

- Thoroughly clean the sprayer after each use to prevent residue from affecting the next use.
- Regularly check the battery pack and charger for damage. If any damage is found, stop using them immediately and contact a professional for repair.
- Do not disassemble the battery pack or charger to avoid electric shock or fire.
- Do not charge the battery pack in wet or damp environments to prevent short circuits.
- Do not charge the battery pack in a place with children or pets to prevent accidents.
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6. Troubleshooting

Problem	Possible causes	Solutions
The motor does not rotate after the power is turned on	The power cable is not connected properly.	Check the power cable connection.
	The battery pack has been damaged.	Replace the battery pack.
The motor rotates but the sprayer does not spray liquid.	The nozzle is clogged.	Clean the nozzle.
	The liquid level in the barrel is too low.	Add liquid to the barrel.
The battery pack does not charge.	The charger is not connected properly.	Check the charger connection.
	The battery pack is damaged.	Replace the battery pack.
The battery pack charges too slowly.	The charger is damaged.	Replace the charger.
	The battery pack is damaged.	Replace the battery pack.
The battery pack overheats during charging.	The charging time is too long.	Stop charging and let the battery pack cool down.
	The charger is damaged.	Replace the charger.
	The battery pack is damaged.	Replace the battery pack.
The motor overheats and stops working.	The motor is overloaded.	Reduce the load on the motor.
	The motor is damaged.	Replace the motor.

7. Structure diagram and statistics table





8. Packing List

		Qty. (pcs)	Remarks
1	Sprayer	1	
2	Main unit of Sprayer	1	**Additional parts including**
3	Barrel	1	sprayer lance,
4	Lance	1	expansion bolts,
5	Spraying nozzle	1	charger, and
6	Control panel	1	spraying rod
7	Lithium-ion battery	1	are optional.
8	Shoulder strap	1	
9	Wheel	1	
10	**Charger** (optional)	1	
11	**Lance** (optional)	1	
12	**Spraying rod** (optional)	1	
13	**Backpack Cart** (optional)	1	







