

SOLO®

THE BETTER CHOICE. SINCE 1948.
German quality sprayers and cut-off machines

Product Information Battery Backpack Sprayer 442

NEW
Available from June 2021

The new battery powered backpack sprayer SOLO 442 for professional plant protection combines operating comfort with modern battery technology. Comprehensive features and adjustable pressure allow precise output and directional control of plant protection liquids and liquid fertilizers.



SOLO COMFORT

Functional benefits

- Quiet, free of emission, low vibration: for professional application incl. indoors such as for operators in greenhouses
- Electronic pressure regulation: a digital micro control unit ensures constant pressure independently of the chosen nozzle type. This allows reliable, economical and very precise output of the spray liquid
- Operating pressure is adjustable between 1 and 4 bar via an electronic operating panel
- Battery charge indicator
- Compact, light 18V lithium-ion battery can be replaced within seconds
- High battery capacity for operation up to 5 hrs.
- The battery is quickly ready for use: charging time only ca. 1.1 hrs.
- High value, comfortable carrying system with chest strap
- Base and container back section are ergonomically shaped. This allows fatigue free carrying comfort also during extended operation
- The tank features an integrated handle and a large filler opening for quick and safe filling and easy cleaning
- Robust structure
- Stable base for secure footing also on uneven or sloping ground
- Large tank with UV protection
- The control electronics and pump unit as well as the replaceable battery are protected and safely integrated in the base
- Unbreakable spray lance and hand valve
- Tough, fabric re-enforced delivery hose
- Compelling features for professionals
- 18 V lithium-ion battery technology: light, compact, high performance
- Light, replaceable battery with external charger: battery is simply pushed on a guide rail onto the charger and locked in
- Smooth operating panel with comfortable 4-point pressure setting from 1 to 4 bar and battery charge indicator
- Flat spray nozzle and adjustable hollow cone nozzle. The nozzle holder accepts the use of all ISO-conform standard nozzles. With stainless steel ball valve filter
- Vertical spray wand connector for space saving storage and safe keeping of wand and nozzle

Accessories

SOLO's comprehensive range of accessories is available for the SOLO 442 Backpack Sprayer. Additional batteries and chargers can also be obtained as accessories.

Model (Part no.)	442 (44201)
Battery	Lithium-Ion 18 V / 2,0 Ah
Nominal volume (Fill volume) l	16
Nozzle	Flat spray nozzle, adjustable hollow cone nozzle
Spray pressure	4 settings, 1 - 4 bar
Output volume l/min at (bar), flat spray nozzle	0,68 (1) / 0,97 (2) 1,19 (3) / 1,37 (4)
Output volume l per battery charge at (bar), flat spray nozzle	112 (1); 114 (2); 92 (3); 84 (4)
Output volume l per battery charge at (bar), adjustable hollow cone nozzle	138 (1) / 113 (2) 102 (3) / 88 (4)
Operation time hrs. max. at (bar), flat spray nozzle	5 (1); 2,8 (2); 1,8 (3); 1,2 (4)
Operation time hrs. max. at (bar), adjustable hollow cone nozzle	4,2 (1); 3,5 (2); 2,3 (3); 1,9 (4)
Charging time	ca. 1.1 h, standard charger 2 A
Dry weight (w. battery)	4,1 kg (4,5 kg)
Standard delivery	spray wand 50cm plastic, li-ion battery 18 V 2.0 Ah, charger 2 A

Model	Part no.	Description
Li-ion battery 18 V 2.8 Ah	49481	compact 18 V li-ion battery, weight 390 g. 1 battery in-cluded as standard supply with each SOLO 442
Li-ion battery 18 V 5.0 Ah	49482	compact 18 V li-ion battery with increased capacity of 5 Ah, weight 690 g. Energy ca-pacity 90 Wh. For considerably extended operating period and output volume up to 12.6 h / 516 L (1 bar, flat spray nozzle)
Charger 2A	49483	compact unit for externally charging of SOLO 18V li-ion batteries. With LED charge indicator. 1 charger included as standard supply with each SOLO 442
Charger 4A	49484	compact quick charger for ex-ternally charging of SOLO 18V li-ion batteries. With increased charging current of 4 A for reduced charging times (ca. 35 min. for 2.0 Ah battery, ca. 90 min. for 5.0 Ah battery)