VCS 7-28 INFINITY SIGNATURE LINE

The VCS 7-28 Infinity Signature Line cordless vacuum cleaner with patented Smart Power technology: adjusts the power output to suit the floor type, level of dirt and filter condition, ensuring consistent suction power.



Order no. **1.349-270.0**

- Smart Power technology: with floor type and dirt detection, filter monitoring
- 28 V battery system, max. run time of 70 minutes[1)], LED display with language selection
- Crevice nozzle, soft dusting brush, mini turbo brush, accessory holder, parking station

Technical data		
EAN code		4066529169655
Battery powered device		1
Battery platform		28 V battery platform
Voltage	**V**	100 – 240
Frequency	**Hz**	50 – 60
Sound power level	**dB(A)**	< 77
Container capacity	**ml**	800
Battery type		Lithium-ion battery
Capacity	**Ah**	2.5
Number of batteries required	**Piece(s)**	1
Run time per battery charge	**min**	Eco!Mode: approx. 70 (2.5 Ah) / Standard mode: approx. 30 (2.5 Ah) / Smart mode: approx. 45 (2.5 Ah) / Boost mode: approx. 10 (2.5 Ah)
Battery charging time with standard charger	**min**	120
Weight without accessories	**kg**	3.2
Weight incl. packaging	**kg**	8
Dimensions (L × W × H)	**mm**	270 × 175 × 1250

Scope of supply
Battery: 28 V / 2.5 Ah Battery Power battery (1 pc.)
HEPA filter type: HEPA filter (EN 1822:1998)
Filter: 1 Piece(s)
Mini turbo brush
Crevice nozzle
Soft dusting brush
Accessories holder
Number of Flex suction tubes: 1 Piece(s)
Self-standing parking station with charging function

Equipment
Bagless filter system
Filter cleaning function
Power control: with 4 power levels
LCD display
Universal floor nozzle with wide-angle floor light
Anti-Hair technology
Smart-power technology
Intelligent floor type recognition
Intelligent dirt detection
Intelligent filter monitoring

[1] Run time applies to operation at the lowest power setting in ECO!mode without the electric floor nozzle. The actual run time varies depending on the suction level selected and the degree of soiling. Based on internal tests in accordance with IEC 62885-4, Clause 5.1. [2] Dust intake on hard floors with a crevice attachment, measured in accordance with standard EN IEC 62885-4:2020/A1:2023. Based on internal tests. [3] Measured using an in-house test procedure for hair pick-up, using 30 cm long strands of hair (0.5 % residual entanglement in the test setup). Based on internal tests. [4] Filtration of fine particles (size ≥ 0.3 µm) measured in accordance with standard IEC 62885-2:2021/-4:2020, Clause 5.13. Based on internal tests. [5] Sound power level measured in accordance with standard EN 60704-2-1. Based on internal tests. [6] Measurement based on IEC 62885-2:2026, carried out in Smart mode using a floor nozzle with a dust intake capacity of up to 150 g (DMT-8 dust). Based on internal tests. [8] Maximum speed achieved with the roller brush in Smart mode on carpet. Based on internal tests. [9] Measurement of the response time of the sensor system for power adjustment in Smart mode. Based on internal tests.





Automatic floor type detection with Carpet Turbo

- The right power for every floor: In Smart Mode, the system automatically detects the floor surface and adjusts the cleaning performance accordingly.
- Powerful Carpet Turbo: On carpets, the vacuum cleaner automatically switches to up to 3,400 rpm[8)] to dislodge dirt deep within the fibres.
- Easy to use: The automatic adjustment ensures thorough results, without the need for any manual switching.



Dirt detection and power adjustment

- More power for heavy soiling: When the level of soiling is high, the power output in Smart Mode is automatically increased within 100 ms[9)].
- Demand-based control: The power is automatically adjusted to the amount of dirt. This helps to conserve battery run time during normal use.
- Adjusted cleaning time: The sensor's precise response to the amount of dirt ensures rapid and needs-based cleaning.



Smart filter monitoring for consistent suction power

- No loss of suction power[6)]: The system monitors the filter condition and, in Smart Mode, automatically adjusts the power output to ensure a consistently high vacuum.
- Timely filter-full alert: The automatic notification when the filter is full prevents unnecessary increases in power consumption in Smart Mode and helps conserve battery life.
- Reliable suction power: The filter indicator prevents a drop in performance even in the other modes, ensuring thorough cleaning results.

VCS 7-28 Infinity Signature Line, 1.349-270.0, 2026-10-23

SUSTAINABILITY ASPECTS OF VCS 7-28 INFINITY SIGNATURE LINE 1.349-270.0

Sustainability aspects of Beyond Cleaning

eco!Mode (Energy Saving Mode)

Energy saving	**%**	50	Comparison of the standard mode with the manufacturer's eco!Mode setting. Does not apply to individually adjustable eco!Mode.

ACCESSORIES FOR VCS 7-28 INFINITY SIGNATURE LINE
1.349-270.0


1


2


3

		Order no.	Description	
BATTERIES				
Battery Power 28/25	1	2.445-068.0	Flexible and thorough cleaning: the 28 V/2.5 Ah Kärcher Battery Power replacement battery offers a greater run time with maximum convenience.	■
VACUUMS				
Nozzles				
Mini turbo brush VCS	2	2.863-424.0	Extra suction power for optimum performance: the mini turbo brush picks up dirt from upholstery perfectly and effectively removes pet hair. Available as an accessory for VCS cordless vacuum cleaners.	■
Filters				
Fine Filter VCS Infinity	3	2.863-423.0	The fine filter protects the motor from dust, and maintains suction power.	■

■ Included in the scope of supply.