

2022 Volvo XC40 Recharge Specifications

		P8 AWD (408 hp)
Engine		
Engines	E400V6	
Type	Electric motors	
Configuration	AWD	
Max output, kW (hp)/rpm	300 (2*150kW) (408 hp (2*204)) / 4350 - 13900 rpm	
Max torque, Nm/rps	660 (2*330) / 0 - 73 Nm / rps	
Battery type	Lithium-ion battery	
Battery content, total amount of energy (kWh) (Nominal)	78	
Battery content, total amount of energy (kWh) (Usable)	75	
BATTERY CHARGING TIME * - DC - 50 kW (Charging power) (minutes) / 150 kW (Charging power) (minutes) ¹	120 / 40	
BATTERY CHARGING TIME * - AC 3-phase, 6 A (Charging power) (hours) / 10 A (Charging power) (hours) / 16 A (Charging power) (hours) ¹	22 / 14 / 8	
BATTERY CHARGING TIME * - AC 1-phase (200-240V) - 6 A (Charging power) (hours) / 10 A (Charging power) (hours) / 16 A (Charging power) (hours) / 32 A (Charging power) (hours) / 48 A (Charging power) (hours) ¹	72 / 40 / 24 / 12 / 8	
Electrical motor max power (kW)	300 kW (2*150 kW)	
Electrical motor max torque (Nm)	660 Nm (2*330 Nm)	
¹ Charging time can vary depending on vehicle climatization and other active electric loads in the vehicle. Charging time as well depends on e.g. ambient temperature.		
Performance		
Performance	Shift-by-wire	
Acceleration, 0-100 km/h	4,9 sec	
Top speed	180 km/h	
Electric Range [EAER] WLTP, City.	539 km - 519 km	
Electric Range [EAER] WLTP, Comb.	418 km - 400 km	
Electric Consumption (kWh/100 km)	23,8 - 25	
Measurements and Volumes		
Length	4425 mm	
Width (Body width)	1863 mm	
Width (mirrors folded)	1910 mm	
Width (Including mirrors, outer edge)	2034 mm	
Height (Including shark fen)	1647 mm	
Height with open tailgate/trunklid (H110)	2129 mm	
Wheelbase	2702 mm	
Track, front	1601 mm	
Track, rear	1615 / 1610 mm ¹	
Ground clearance (at curb weight + 1 person)	176 mm	
Approach angle (at curb weight)	20,0 degr	
Breakover angle (at curb weight)	16,2 degr	
Departure angle (at curb weight)	26,6 degr	
Wading capability depth at curb weight (max speed 10 km/h)	450 mm	
¹ = Rim size: 19" / 20"		
Weight/Miscellaneous		
Weight (Depending on type of engine, gearbox etc.)	1573 kg - 2184 kg	
Total Weight (Depending on type of engine, gearbox etc.)	2060 kg - 2650 kg	
Max trailer weight, Unbraked (Max)	750 kg	
Max trailer weight, Braked (Max)	1500 kg	
Aerodynamics, (Cd)	0,329	
Aerodynamics, (Frontal area)	2,56 m²	
Max roof load	75 kg	
Interior Measurements		
Headroom without panorama roof (front) (Maximum)	1030 mm	
Headroom with panorama roof (front) (Maximum)	997 mm	
Headroom without panorama roof (front/rear)	991 mm / 994 mm	
Headroom with panorama roof (front/rear)	955 mm / 974 mm	
Passenger compartment width at shoulder height (front/rear)	1440 mm / 1429 mm	
Leg room (front/rear)	1040 mm / 917 mm	
Hip room (front/rear)	1390 mm / 1388 mm	
Largest Luggage volume - First (V214-1) (Largest volume. Load height limited by the head lining. Front limited by vertical plane tangential to the rear side of the front seatback) Total (including V209)	1290 l	
Largest Luggage volume - Second (V214-2) (Second seat up. Load height limited by the headlining. Front limited by vertical plane tangential to the rear side of the front seatback) Total (including V209)	540 l	
Open Luggage Compartment - First (V211-1) (Second seat folded. Load height limited to upper edge of the front seatback or lower edge of the rear window) Total (including V209)	855 l	
Open Luggage Compartment - Second (V211-2) (Second seat up. Load height limited to the upper edge of the second seatback or second window) Total (including V209)	414 l	
Luggage volume, Separate Storage Areas in Luggage Compartment. (V209). (Closed storage areas located around the luggage compartments, behind wheel arches, under the floor, or any other area) - rep kit	63 l	
Luggage volume, Separate Storage Areas in Luggage Compartment. (V209). (Closed storage areas located around the luggage compartments, behind wheel arches, under the floor, or any other area)	63 l	
Frunk volume (Front luggage volume) - E400V6 US / all other	27 l / 31 l	
Cargo length from the first seatback to the tailgate measured at - the height of the floor covering (L212-1)	1670 mm	
Cargo length from the first seatback to the tailgate measured at - the top of the first seatback (L214-1)	1527 mm	
Cargo length from the second seatback to the tailgate measured at - the height of the floor covering (L212-2)	887 mm	
Cargo length from the second seatback to the tailgate measured at - the top of the second seatback (L214-2)	676 mm	
Cargo floor height to ground (H253) (curb weight)	755 mm	
Rear opening height (H202) (car center line)	733 mm	
Cargo height (H201) (rear wheel center and car center line)	746 mm	
Cargo floor width, min. (W202) (SAE W201) (between wheel housings)	1004 mm	
Rear opening width: upper min. (W205)	947 mm	
Rear opening width at floor, min. (W207)	1059 mm	
Chassis		
Suspension front	MacPherson Strut, Coil Springs, Hydraulic Shock Absorbers, Stabilizer Bar	
Suspension rear	Independent Suspension with Coil Springs, Hydraulic Shock Absorbers, Stabilizer Bar	
Steering	Electrical Power Assisted Rack	
Steering ratio (angle/angle)	15,8	
Turning circle (Curb to curb)	11,4 m	
Turning circle (Wall to wall)	11,8 m	
Turns of steering wheel end to end	2,7	
Braking system	Antilock Braking System (ABS) with Electronic Brake Distribution (EBD) and Electronic Brake Assistance (EBA)	
Brake disc diameter (front) Brake: 16" / 17" / 18"	296 mm / 322 mm / 345 mm	
Brake disc diameter (rear) Brake: 15" / 16" / 18"	280 mm / 302 mm / 340 mm	
Brake disc thickness (front) Brake: 16" / 17" / 18"	25 mm / 28 mm / 30 mm	
Brake disc thickness (rear) Brake: 15" / 16" / 18"	12 mm / 20 mm	
Braking distance 100-0 km/h	36 m	