

2023 Volvo XC40 Recharge Technical Specifications		
	Recharge Twin	Recharge
ENGINE		
Engines	E400V6	E400V2
Type	Electric motors	Electric motor
Configuration	AWD	FWD
Max output, kW (hp)/rpm	300 (2*150kW) (408 hp (2*204)) / 4350 - 13900 rpm	170 kW (231 hp) / 4919 - 11000 rpm
Max torque, Nm/rps	660 (2*330) / 0 - 73 Nm / rps	330 / 0 - 82 Nm / rps
Battery type	Lithium-ion battery	Lithium-ion battery
Battery content, total amount of energy (kWh) (Nominal)	78	69
Battery content, total amount of energy (kWh) (Usable)	75	67
BATTERY CHARGING TIME * - DC - 50 kW (Charging power) (minutes) / 150 kW (Charging power) (minutes) ¹	68 / 28	56 / 28
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	20 / 13 / 7
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	64 / 36 / 21 / 11 / -
Electrical motor max power (kW)	300 kW (2*150 kW)	170 kW
Electrical motor max torque (Nm)	660 Nm (2*330 Nm)	330 Nm
PERFORMANCE		
Performance	Shift-by-wire	Shift-by-wire
Acceleration, 0-100 km/h	4,9 sec	7,4 sec
Top speed	180 km/h	160 km/h
Electric Range [EAER] WLTP, City.	534 km	599 - 571 km
Electric Range [EAER] WLTP, Comb.	438 - 400 km	425 - 400 km
Electric Consumption	20,4 - 21,6 kWh/100 km	18,5 - 19,7 kWh/100 km
MEASUREMENTS AND VOLUMES		
Length	4440 mm	4440 mm
Width (Body width)	1863 mm	1863 mm
Width (mirrors folded)	1910 mm	1910 mm
Width (Including mirrors, outer edge)	2034 mm	2034 mm
Height (Including shark fen)	1647 mm	1647 mm
Height with open tailgate/trunklid (H110)	2129 mm	2129 mm
Wheelbase	2702 mm	2702 mm
Track, front	1601 mm	1601 mm
Track, rear	1615 / 1610 mm ¹	1615 / 1610 mm ¹
Ground clearance (at curb weight + 1 person)	175 mm	175 mm
Approach angle (at curb weight)	20,0 degr	20,0 degr
Breakover angle (at curb weight)	16,2 degr	16,2 degr
Departure angle (at curb weight)	26,6 degr	26,6 degr
Wading capability depth at curb weight (max speed 10 km/h)	450 mm	450 mm
WEIGHT/MISCELLANEOUS		
Weight (Depending on type of engine, gearbox etc.)	2188 kg	2030 kg
Total Weight (Depending on type of engine, gearbox etc.)	2650 kg	2480 kg
Max trailer weight, Unbraked (Max)	750 kg	750 kg
Max trailer weight, Braked (Max)	1800 kg	1500 kg
Aerodynamics, (Cd)	0,329	0,329
Aerodynamics, (Frontal area)	2,56 m ²	2,56 m ²
Max roof load	75 kg	75 kg
INTERIOR MEASUREMENTS		
Headroom without panorama roof (front) (Maximum)	1030 mm	1030 mm
Headroom with panorama roof (front) (Maximum)	997 mm	997 mm
Headroom without panorama roof (front/rear)	991 mm / 994 mm	991 mm / 994 mm
Headroom with panorama roof (front/rear)	955 mm / 974 mm	955 mm / 974 mm
Passenger compartment width at shoulder height (front/rear)	1440 mm / 1429 mm	1440 mm / 1429 mm
Leg room (front/rear)	1040 mm / 917 mm	1040 mm / 917 mm
Hip room (front/rear)	1390 mm / 1388 mm	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)	1295 l	1295 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)	545 l	545 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)	860 l	860 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)	419 l	419 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)	68 l	68 l
Frunk volume (Front luggage volume) - E400V6 US / all other	21 l / 31 l	21 l / 31 l
Cargo length from the first seatback to the tailgate measured at - the height of the floor covering (L212-1)	1670 mm	1670 mm
Cargo length from the first seatback to the tailgate measured at - the top of the first seatback (L214-1)	1527 mm	1527 mm
Cargo length from the second seatback to the tailgate measured at - the height of the floor covering (L212-2)	887 mm	887 mm
Cargo length from the second seatback to the tailgate measured at - the top of the second seatback (L214-2)	676 mm	676 mm
Cargo floor height to ground (H253) (curb weight)	755 mm	755 mm
Rear opening height (H202) (car center line)	733 mm	733 mm
Cargo height (H201) (rear wheel center and car center line)	746 mm	746 mm
Cargo floor width, min. (W202) (SAE W201) (between wheel housings)	1004 mm	1004 mm
Rear opening width: upper min. (W205)	947 mm	947 mm
Rear opening width at floor, min. (W207)	1059 mm	1059 mm
CHASSIS		
Suspension front	MacPherson Strut, Coil Springs, Hydraulic Shock Absorbers, Stabilizer Bar	MacPherson Strut, Coil Springs, Hydraulic Shock Absorbers, Stabilizer Bar
Suspension rear	Independent Suspension with Coil Springs, Hydraulic Shock Absorbers,Stabilizer Bar	Independent Suspension with Coil Springs, Hydraulic Shock Absorbers,Stabilizer Bar
Steering	Electrical Power Assisted Rack	Electrical Power Assisted Rack
Steering ratio (angle/angle)	15,8	15,8
Turning circle (Curb to curb)	11,4 m	11,4 m
Turning circle (Wall to wall)	11,8 m	11,8 m
Turns of steering wheel end to end	2,7	2,7
Braking system	Antilock Braking System (ABS) with Electronic Brake Distribution (EBD) and Electronic Brake Assistance (EBA)	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	296 mm / 322 mm / 345 mm
Brake disc diameter (rear) Brake: 15" / 16" / 18"	280 mm / 302 mm / 340 mm	280 mm / 302 mm / 340 mm
Brake disc thickness (front) Brake: 16" / 17" / 18"	25 mm / 28 mm / 30 mm	25 mm / 28 mm / 30 mm
Brake disc thickness (rear) Brake: 15" / 16" / 18"	12 mm / 20 mm	12 mm / 20 mm
Braking distance 100-0 km/h	36 m	36 m