

# E-Mobility in Austria

## Facts & Figures | August 2023



**3,945**  
BEV cars (M1)  
new registrations



**343**  
BEV-LCV (N1)  
new registrations



**4**  
BEV-HGV (N2 + N3)  
new registrations



**3**  
BEV buses (M2 + M3)  
new registrations

**2030: 100% in new registrations**

**21%** BEV share of cars (M1) in new registrations  
in August 2023



**139,415**  
BEV cars (M1)  
in operation



**20,004**  
charging points  
in operation

### What does BEV mean ?

BEV is short for „Battery electric vehicle“. Such a vehicle is driven by an electric motor and draws the required energy from an accumulator.

➤ Overview and comments in August 2023

August's developments continue to point the way towards the electrification of the transport sector. The National Competence Center for E-Mobility tracks facts and figures, crafting a monthly report that summarizes the significant developments.

**Into the electrified future!**

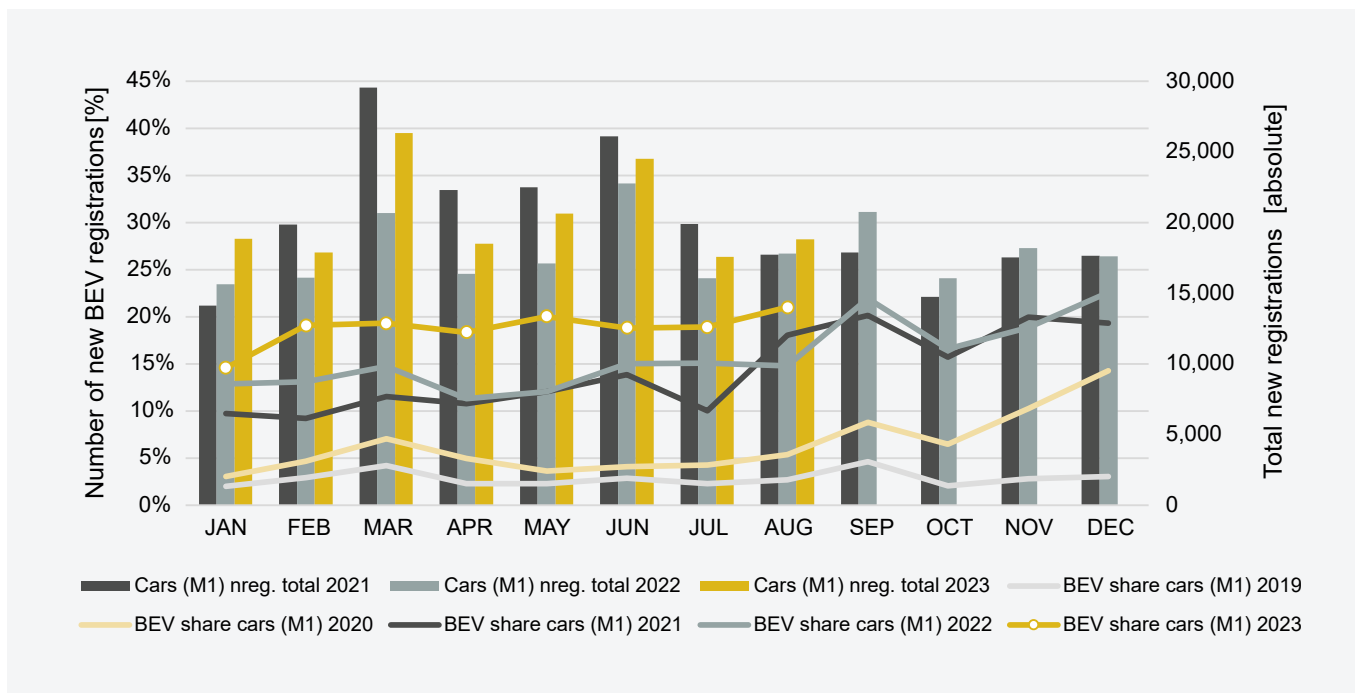
For the first time, new registration share of battery electric vehicles exceeds five percent in 23 countries worldwide. This registration mark is vital as it indicates how electric mobility is progressing in each respective country.

In Austria, electromobility is also advancing rapidly. Starting in 2025, only zero-emission vehicles will be newly registered for taxi operations in Austria. To support taxi companies in decarbonization and the transition to a conductive charging system, the eTaxi Austria project was launched. The registration phase for companies began in Vienna last August with eight taxi ranks and 56 vehicles, as well as in Graz with two taxi ranks and 10 vehicles.

During the Vienna Electric Days 2023 in September, the first equipped stands were presented to the public. The eTaxi Austria project is part of the Zero Emission Mobility funding program by the Ministry of Climate Action Austria and the Climate and Energy Fund. The funding amount is 8.5 million euros.

Source: BNN Bloomberg; APA.OTS [08/2023], APA.OTS [09/2023], Electrive.net, eTaxi Austria

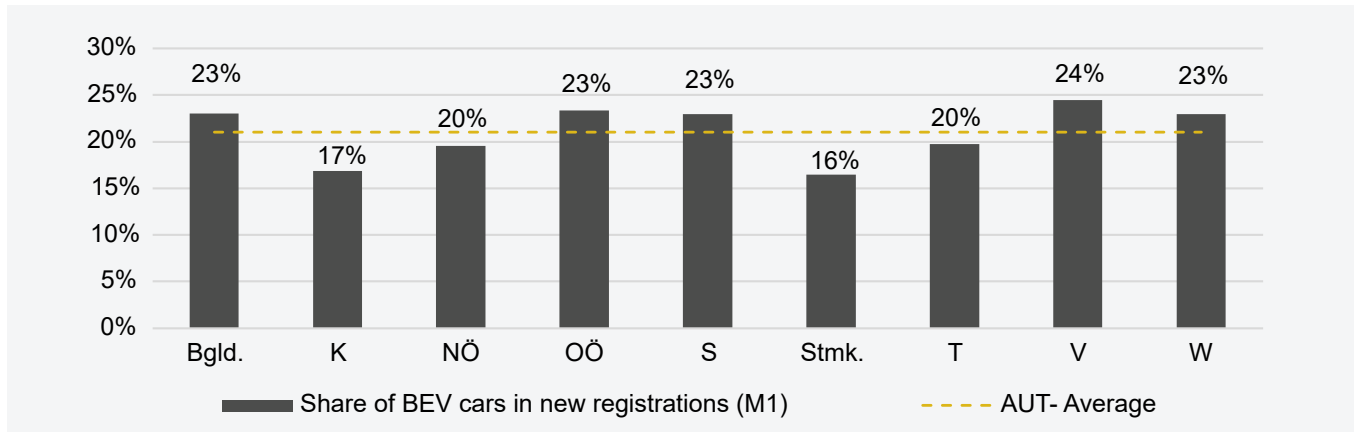
**New registrations per month: BEV cars (M1), 2019-2023**



Source: Statistics Austria; Data status: End of each month respectively 31/08/2023; Illustration: AustriaTech

### New registrations of BEV cars in August 2023

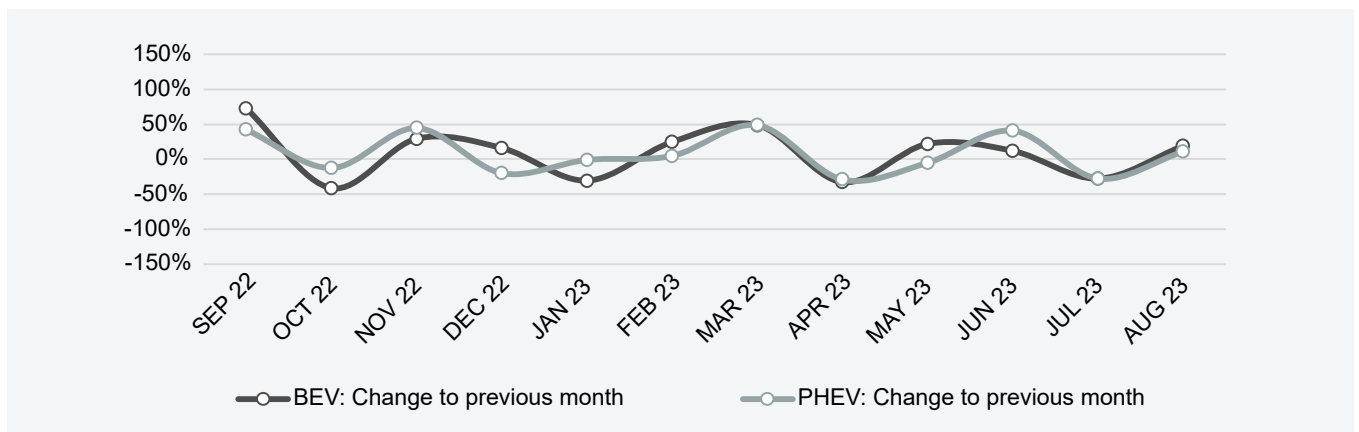
Top 3 in BEV cars (M1): V 24% OÖ 23% Bgld. 23%



Source: Statistik Austria; Data status: End of each month, Illustration: AustriaTech

### Trend in new e-vehicle registrations, monthly comparison

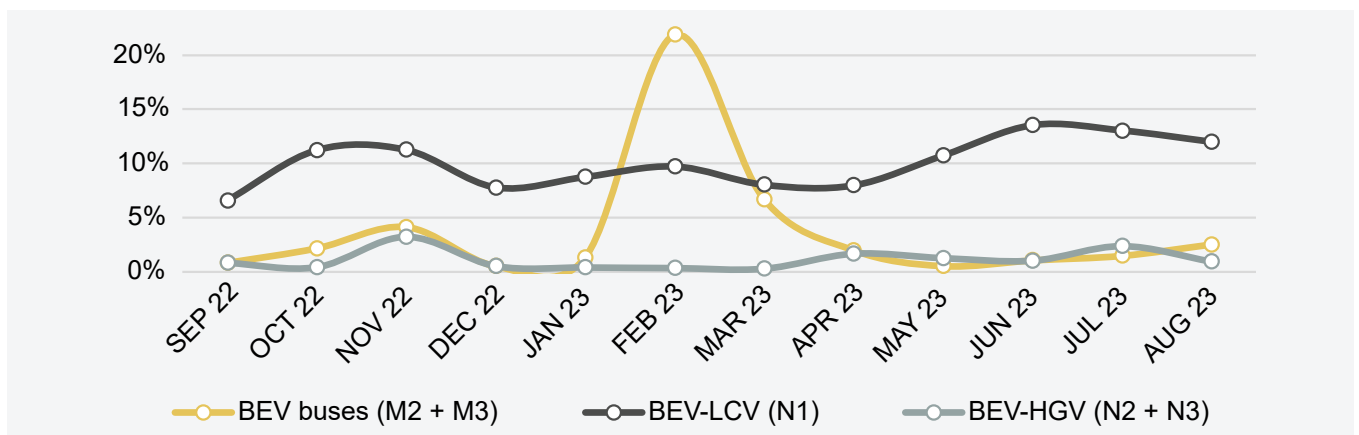
BEV: +19% to previous month / PHEV: +11% to p.m.



Source: Statistik Austria; Data status: End of each month, Illustration: AustriaTech

### New registrations by categories of commercial BEV

BEV-LCV (N1): 343 / BEV-HGV (N2 + N3): 4



Source: Statistik Austria; Data status: End of each month, Illustration: AustriaTech

## New vehicle registrations per year by vehicle type, fuel type or power source

Vehicle types, fuel types or energy source	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023 Aug
<b>Passenger vehicle class M1</b>	303,318	308,555	329,604	353,320	341,068	329,363	248,740	239,803	215,050	163,046
Petrol incl. hybrids*	128,339	124,725	135,061	170,230	190,655	186,943	125,949	120,929	106,805	78,554
Diesel incl. hybrids*	172,471	180,340	188,989	175,501	141,119	130,423	98,757	70,782	60,735	42,285
Gas (CNG, LNG; mono- & bivalent)	790	703	486	435	642	580	407	86	63	5
Plug-in hybrid electric vehicle (PHEV)	434	1,101	1,237	1,721	1,888	2,156	7,641	14,626	13,268	11,554
Battery electric vehicle (BEV)	1,281	1,677	3,826	5,433	6,757	9,242	15,972	33,366	34,165	30,638
Fuel cell electric vehicle (FCEV)	3	9	5	0	7	19	14	14	14	10
BEV registrations: Change compared to previous year	95.87%	30.91%	128.15%	42.00%	24.37%	36.78%	72.82%	108.90%	2.39%	56.72%
BEV share of new registrations	0.42%	0.54%	1.16%	1.54%	1.98%	2.81%	6.42%	13.91%	15.89%	18.79%
<b>Further BEV of the classes L, M, N</b>	876	930	1,949	1,910	2,724	3,141	3,558	6,155	6,485	4,468
Motorbikes/Tricycles/Quadracycles (class L)	672	651	1,478	1,667	2,251	2,617	2,805	3,765	4,335	2,285
Buses (classes M2 + M3)	1	12	22	6	17	22	14	11	26	19
Light commercial vehicles LCV (class N1; < 3.5 t)	203	267	449	237	446	500	739	2,341	2,067	2,138
Heavy goods vehicles HGV (classes N2 + N3; > 3.5 t)	0	0	0	0	10	2	0	38	57	26

\* Hybride ohne externe Lademöglichkeit

Source: Statistics Austria; Data status: 31/12 of the corresponding year respectively 31/08/2023; Illustration: AustriaTech

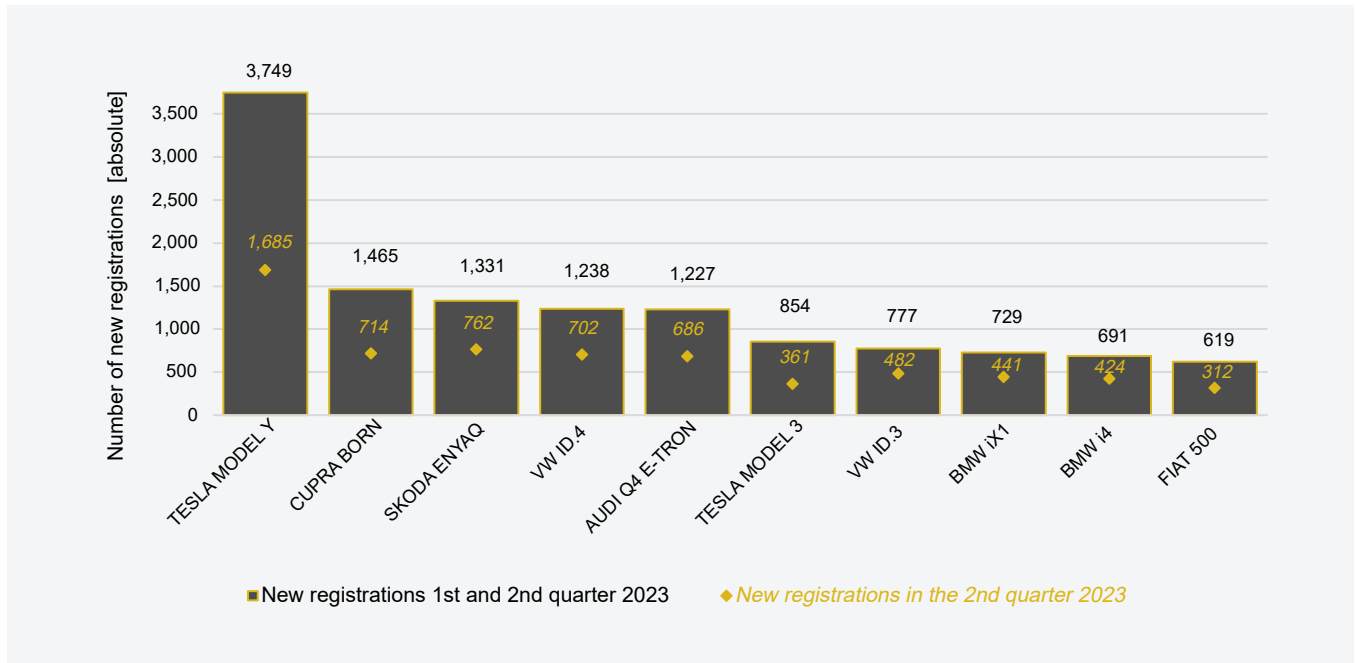
## Vehicle population per year by vehicle type, fuel type or power source

Vehicle types, fuel types or energy source	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023 Aug
<b>Passenger vehicle class M1</b>	4,694,921	4,748,048	4,821,557	4,898,578	4,978,852	5,039,548	5,091,827	5,133,836	5,150,890	5,182,858
Petrol incl. hybrids*	2,022,609	2,032,461	2,054,541	2,102,712	2,167,858	2,217,132	2,250,050	2,278,751	2,303,486	2,326,326
Diesel incl. hybrids*	2,663,605	2,703,950	2,750,270	2,771,738	2,778,552	2,778,732	2,775,925	2,743,683	2,690,025	2,658,683
Gas (CNG, LNG; mono- & bivalent)	4,542	5,087	5,373	5,543	5,877	6,078	6,063	5,787	5,512	5,274
Plug-in hybrid electric vehicle (PHEV)	776	1,512	2,287	3,948	5,710	8,042	15,237	29,021	41,580	53,092
Battery electric vehicle (BEV)	3,386	5,032	9,073	14,618	20,831	29,523	44,507	76,539	110,225	139,415
Fuel cell electric vehicle (FCEV)	3	6	13	19	24	41	45	55	62	68
BEV vehicle stock: Change compared to previous year	63.57%	48.61%	80.31%	61.12%	42.50%	41.73%	50.75%	71.97%	44.01%	44.59%
BEV share of vehicle stock	0.07%	0.11%	0.19%	0.30%	0.42%	0.59%	0.87%	1.49%	2.14%	2.69%
<b>Further BEV of the classes L, M, N</b>	6,067	6,532	7,524	8,912	10,920	13,311	16,080	21,561	26,504	30,972
Motorbikes/Tricycles/Quadracycles (class L)	5,116	5,324	5,907	7,057	8,614	10,533	12,565	15,716	18,621	20,906
Buses (classes M2 + M3)	131	138	149	143	154	161	172	174	202	221
Light commercial vehicles LCV (class N1; < 3.5 t)	819	1,069	1,467	1,711	2,141	2,605	3,330	5,627	7,582	9,720
Heavy goods vehicles HGV (classes N2 + N3; > 3.5 t)	1	1	1	1	11	12	13	44	99	125

\* Hybride ohne externe Lademöglichkeit

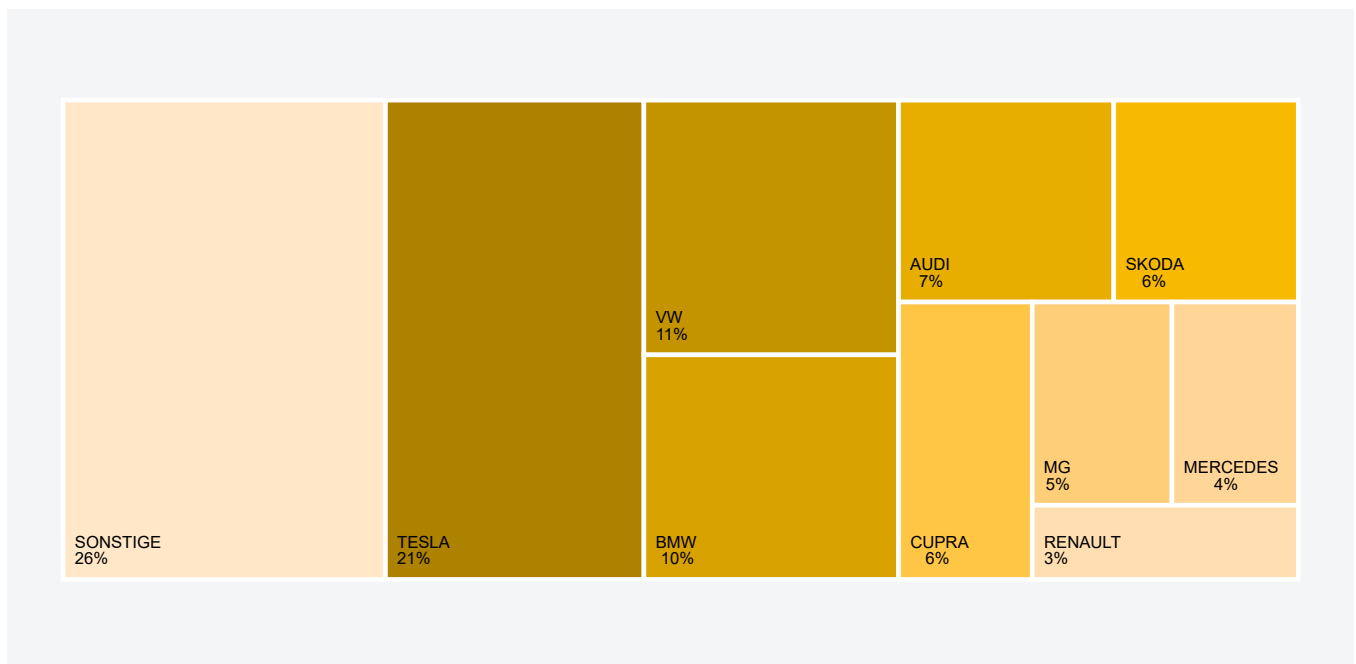
Source: Statistics Austria; Data status: 31/12 of the corresponding year respectively 31/08/2023; the 2023 population figures for PHEV (M1) and for "Further BEV of the classes L, M, N" were calculated on the basis of the old population (31/12/2022) and the cumulative new registrations of the current year; analogous to the determination of the PHEV population, the stocks of electric vehicles of the classes L, M2 & M3 as well as N1, N2 & N3 of the current year were calculated. Illustration: AustriaTech

### Best selling BEV passenger cars (M1) by model, 1st to 2nd quarter 2023



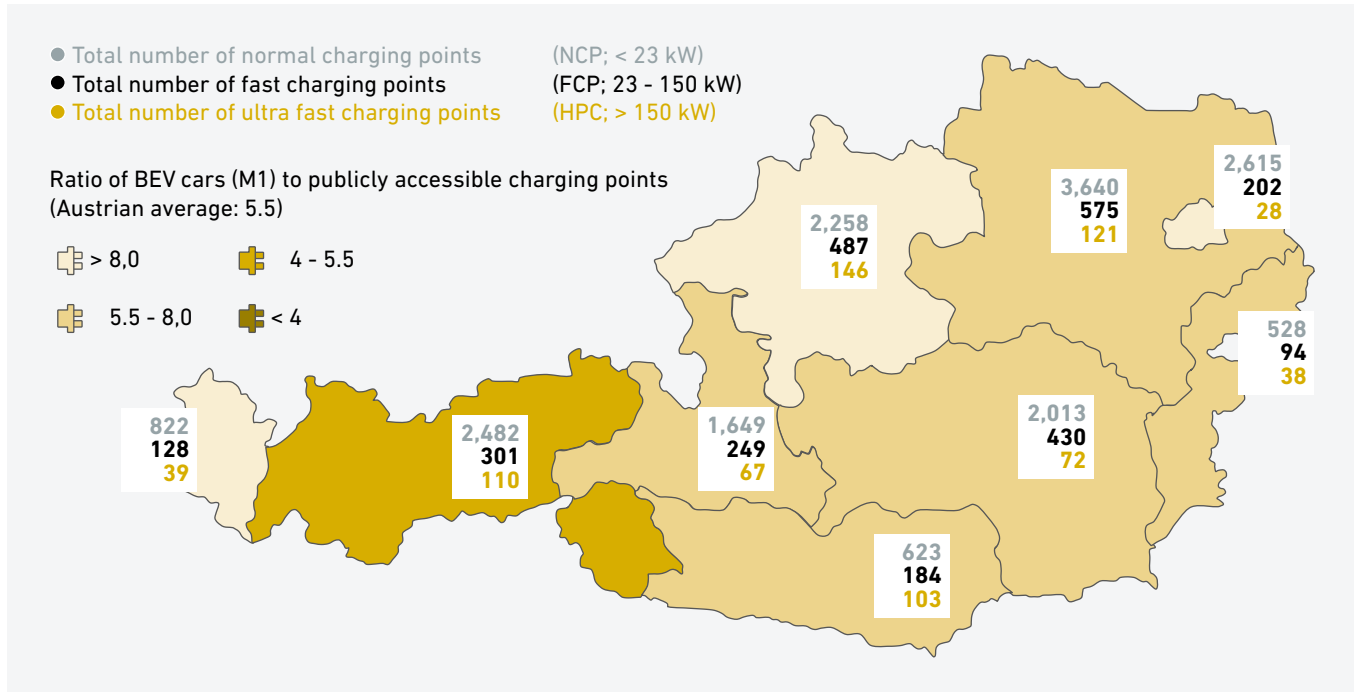
Source: Statistik Austria; Data status: 30/06/2023, Illustration: AustriaTech

### Best selling BEV passenger cars (M1) by brand, 1st to 2nd quarter 2023



Source: Statistik Austria; Data status: 30/06/2023, Illustration: AustriaTech

## Publicly accessible charging points per federal state, August 2023\*



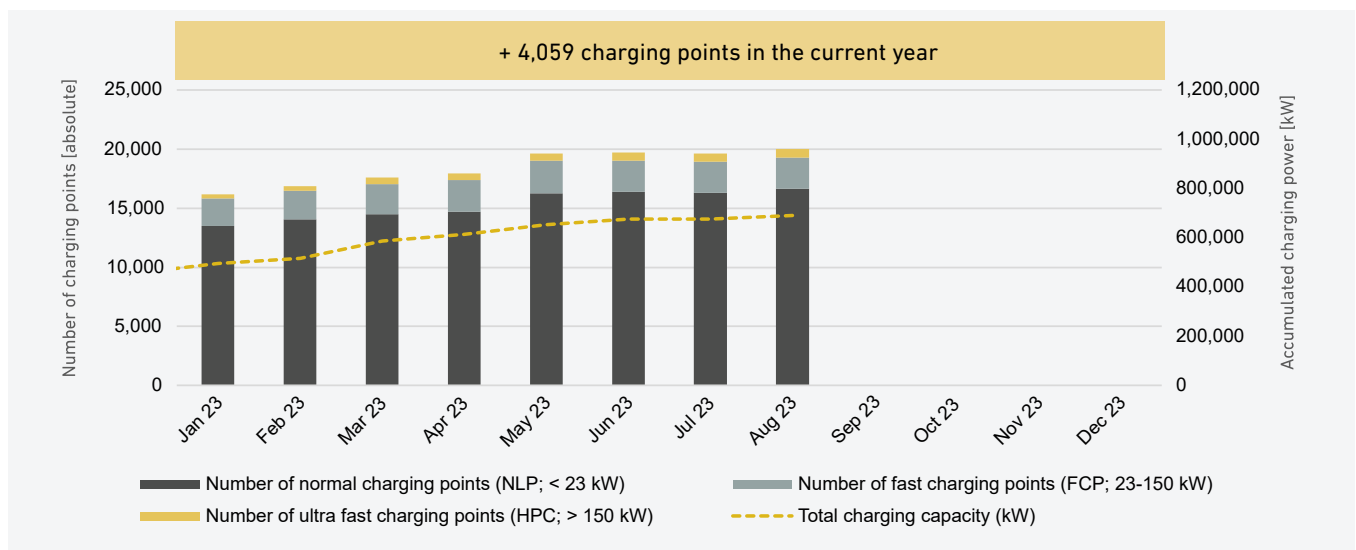
Source: E-Control; Data status: 01/09/2023, Illustration: AustriaTech

As of 1st September 2023, the Austrian charging network consists of 16,630 normal charging points, 2,650 fast charging points and 724 ultra fast charging points, leading 20,004 publicly accessible charging points in total.

OLÉ - Austria's National Competence Center for E-Mobility supports the expansion of efficient charging infrastructure in public spaces by improving framework conditions and funding programs. OLÉ is committed to finding the right charging infrastructure for the respective charging scenario. To support the ramp-up, all forms of charging infrastructure (e.g. smart home and workplace charging points and high power charging points on main routes) are needed.

\* With the evaluation of 01/09/2023, the team of OLÉ - Austria's National Competence Center For E-Mobility carried out a data cleansing based on the E-Control directory "Ladestellenverzeichnis". In the process, incorrect and duplicate entries were removed for the evaluation.

## Publicly accessible charging points and total charging capacity per month, 2023\*



Source: E-Control; Data status: end of the respective month, Illustration: AustriaTech

# Imprint



## About

The monthly publication “E-Mobility in Austria Facts & Figures” is created by AustriaTech in its role as National Competence Center For E-Mobility (“OLÉ - Österreichs Leitstelle für Elektromobilität”) and offers a compact overview of recent developments in E-mobility.

You can find the current issue of the publication series “E-Mobility in Austria Facts & Figures” at [www.austriatech.at/downloads](http://www.austriatech.at/downloads) as well as at [www.austriatech.at/zahlen-daten-fakten-archiv](http://www.austriatech.at/zahlen-daten-fakten-archiv)

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## Glossary

BEV:	Battery electric vehicle
FCEV:	Fuel cell electric vehicle
PHEV:	Plug-in-hybrid electric vehicle
BEV + PHEV + FCEV:	E-vehicles