

# E-Mobility in Austria

Facts & Figures | November 2023



**4,330**  
BEV cars (M1)  
new registrations



**318**  
BEV-LCV (N1)  
new registrations



**2**  
BEV-HGV (N2 + N3)  
new registrations



**11**  
BEV buses (M2 + M3)  
new registrations

**2030: 100% in new registrations**

**23%** BEV share of cars (M1) in new registrations  
in November 2023



**152,122**  
BEV cars (M1)  
in operation



**22,002**  
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 November 2023

The developments in November continue to point the way towards the electrification of the transport sector. OLÉ – National Competence Center for E-mobility monitors relevant facts and compiles a monthly assessment of the most relevant developments.

**LADIN is here!**

In November, the new funding program “LADIN” was launched, which was developed jointly by OLÉ - National Competence Center for E-Mobility, the Austrian Federal Ministry for Climate Action (BMK) and the Austrian Research Promotion Agency (FFG).

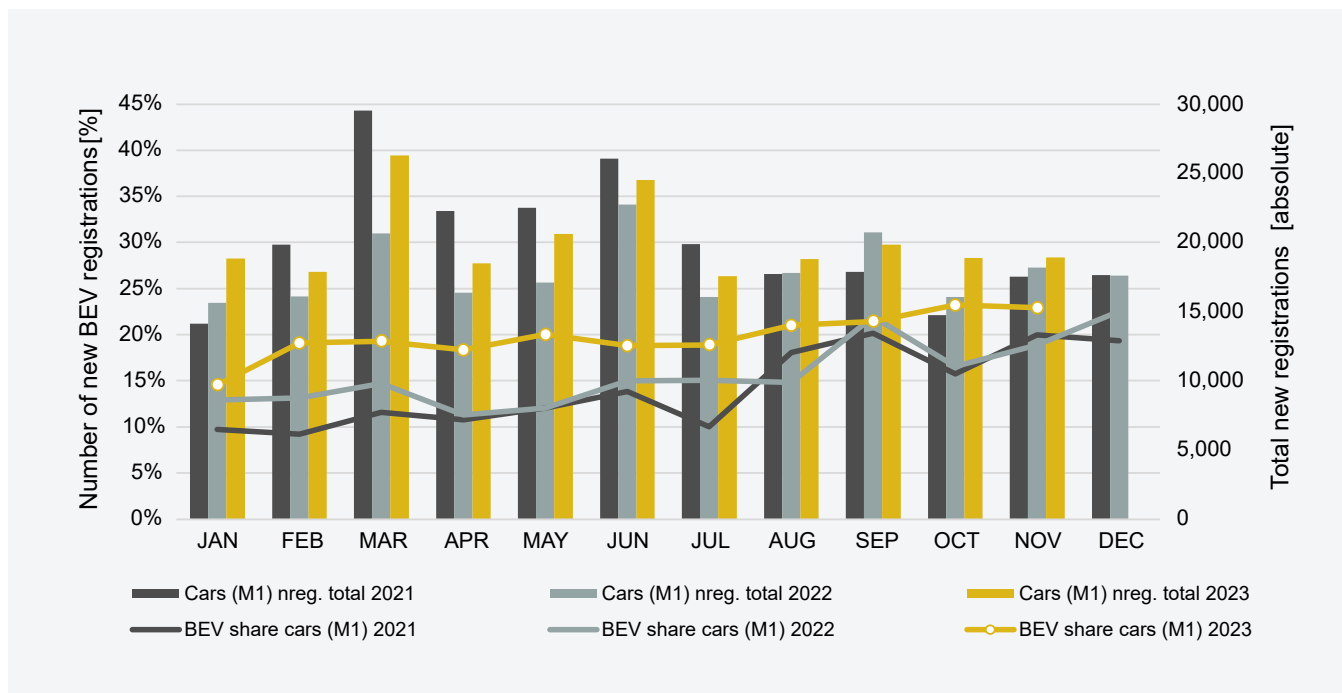
In the first call for tenders, 7 million euros will be made available for the targeted expansion of fast-charging infrastructure in areas that are currently underserved. “LADIN” is therefore an important first step away from lump-sum support and towards targeted funding of strategic priorities.

In an effort to reach a collective agreement for Tesla employees in Sweden, numerous employees from various sectors have already joined the conflict of interests between Tesla and the IF Metall Industrial Union in Sweden. Thanks to expressions of sympathy and even participation from Norway, Denmark and Finland, Tesla will effectively no longer be able to deliver new cars to Sweden as of December 20<sup>th</sup>.

OLÉ continues to monitor current the developments in Sweden.

Source: AustriaTech [11/2023], FFG [12/2023], LADIN map [12/2023], ORF.at [11/2023], ORF.at [11/2023], DerStandard [12/2023]

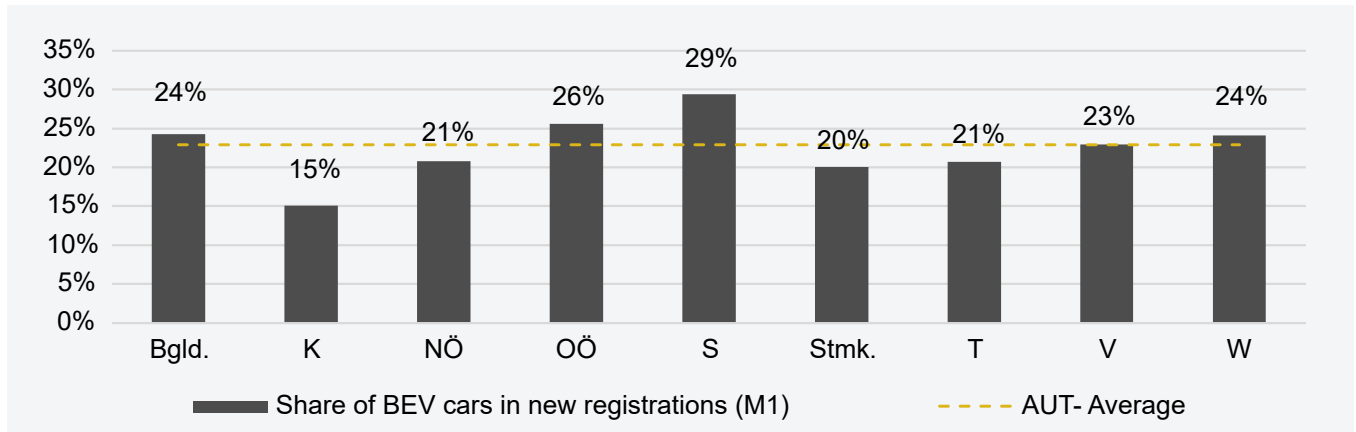
**New registrations per month: BEV cars (M1), 2021-2023**



Source: Statistics Austria; Data status: End of each month respectively 30/11/2023; Illustration: AustriaTech

### New registrations of BEV cars in November 2023

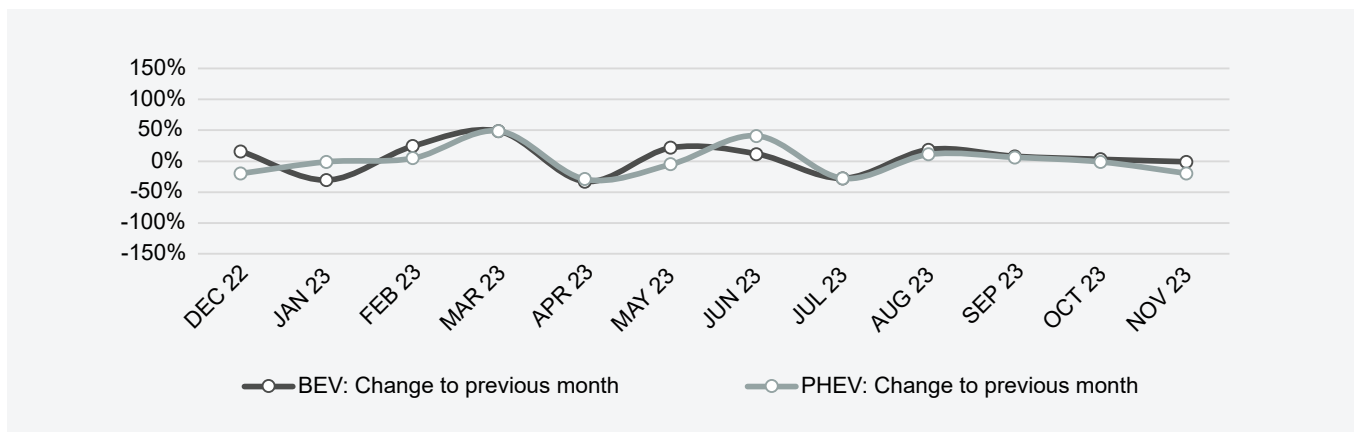
➤ Top 3 in BEV cars (M1): S 29% OÖ 26% Bgld. 24%



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

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

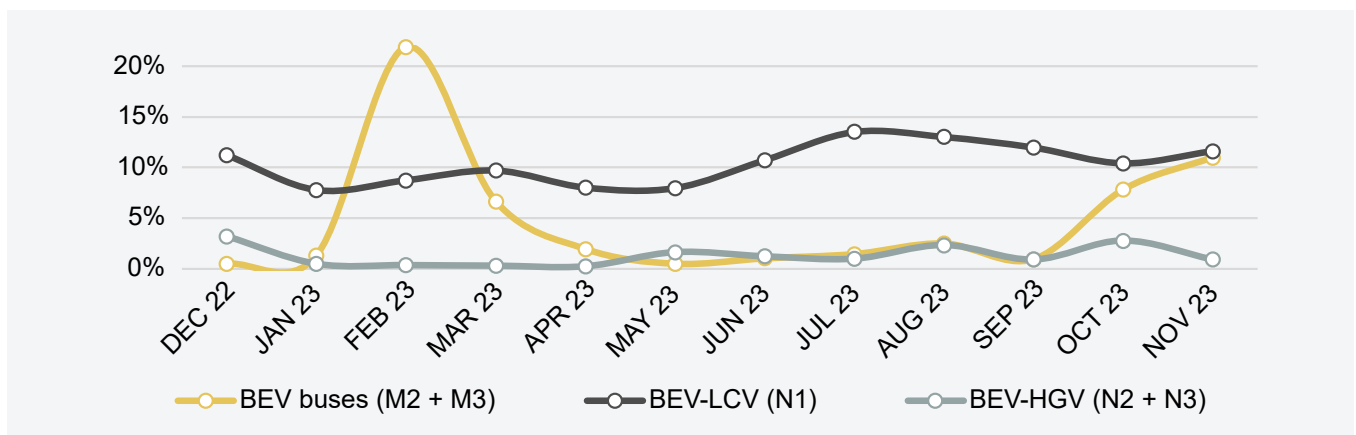
➤ BEV: -1% to previous month / PHEV: -20% to p.m.



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

### New registrations by categories of commercial BEV

➤ BEV-LCV (N1): 318 / BEV-HGV (N2 + N3): 2



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 Nov
<b>Passenger vehicle class M1</b>	303,318	308,555	329,604	353,320	341,068	329,363	248,740	239,803	215,050	220,653
Petrol incl. hybrids*	128,339	124,725	135,061	170,230	190,655	186,943	125,949	120,929	106,805	105,466
Diesel incl. hybrids*	172,471	180,340	188,989	175,501	141,119	130,423	98,757	70,782	60,735	55,754
Gas (CNG, LNG; mono- & bivalent)	790	703	486	435	642	580	407	86	63	11
Plug-in hybrid electric vehicle (PHEV)	434	1,101	1,237	1,721	1,888	2,156	7,641	14,626	13,268	15,810
Battery electric vehicle (BEV)	1,281	1,677	3,826	5,433	6,757	9,242	15,972	33,366	34,165	43,602
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%	44.41%
BEV share of new registrations	0.42%	0.54%	1.16%	1.54%	1.98%	2.81%	6.42%	13.91%	15.89%	19.76%
<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	6,129
Motorbikes/Tricycles/Quadracycles (class L)	672	651	1,478	1,667	2,251	2,617	2,805	3,765	4,335	2,997
Buses (classes M2 + M3)	1	12	22	6	17	22	14	11	26	41
Light commercial vehicles LCV (class N1; < 3.5 t)	203	267	449	237	446	500	739	2,341	2,067	3,053
Heavy goods vehicles HGV (classes N2 + N3; > 3.5 t)	0	0	0	0	10	2	0	38	57	38

\* Hybride ohne externe Lademöglichkeit

Source: Statistics Austria; Data status: 31/12 of the corresponding year respectively 30/11/2023; Illustration: AustriaTech

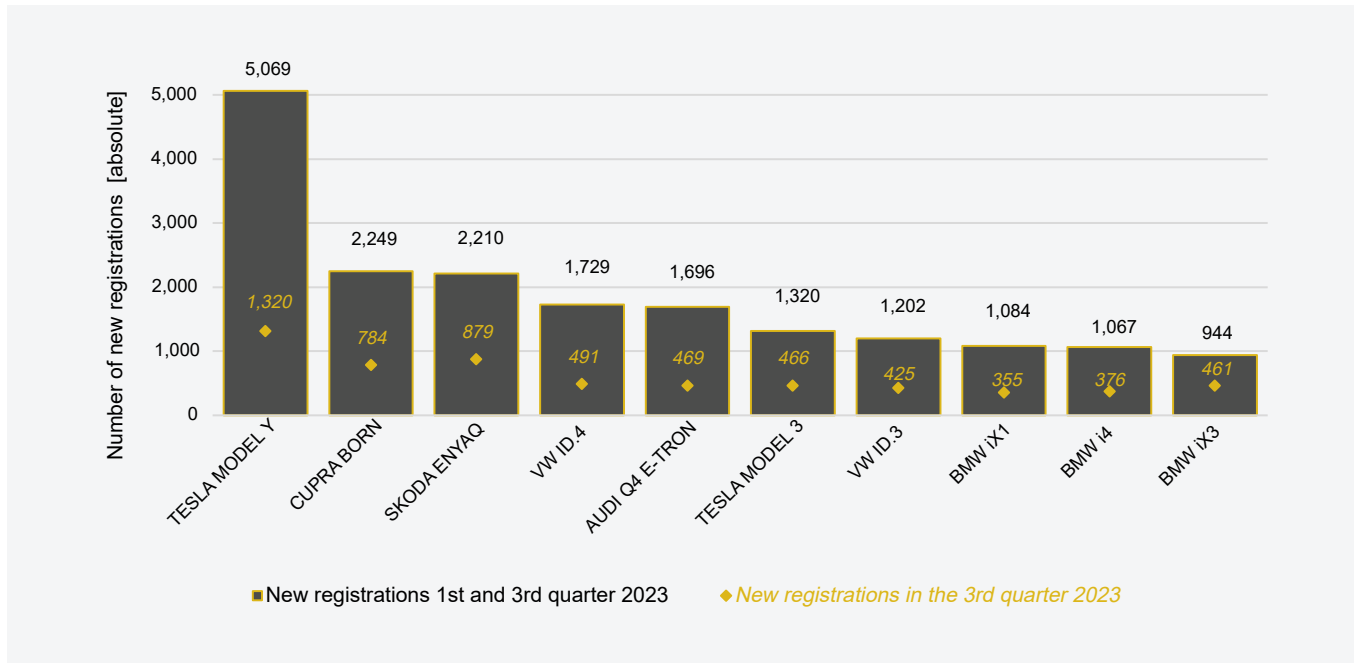
## Vehicle population per year by vehicle type, fuel type or power source

Vehicle types, fuel types or energy source	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023 Nov
<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	5,182,277
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	2,327,375
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	2,640,206
Gas (CNG, LNG; mono- & bivalent)	4,542	5,087	5,373	5,543	5,877	6,078	6,063	5,787	5,512	5,159
Plug-in hybrid electric vehicle (PHEV)	776	1,512	2,287	3,948	5,710	8,042	15,237	29,021	41,580	57,348
Battery electric vehicle (BEV)	3,386	5,032	9,073	14,618	20,831	29,523	44,507	76,539	110,225	152,122
Fuel cell electric vehicle (FCEV)	3	6	13	19	24	41	45	55	62	67
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%	42.83%
BEV share of vehicle stock	0.07%	0.11%	0.19%	0.30%	0.42%	0.59%	0.87%	1.49%	2.14%	2.94%
<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	32,633
Motorbikes/Tricycles/Quadracycles (class L)	5,116	5,324	5,907	7,057	8,614	10,533	12,565	15,716	18,621	21,618
Buses (classes M2 + M3)	131	138	149	143	154	161	172	174	202	243
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	10,635
Heavy goods vehicles HGV (classes N2 + N3; > 3.5 t)	1	1	1	1	11	12	13	44	99	137

\* Hybride ohne externe Lademöglichkeit

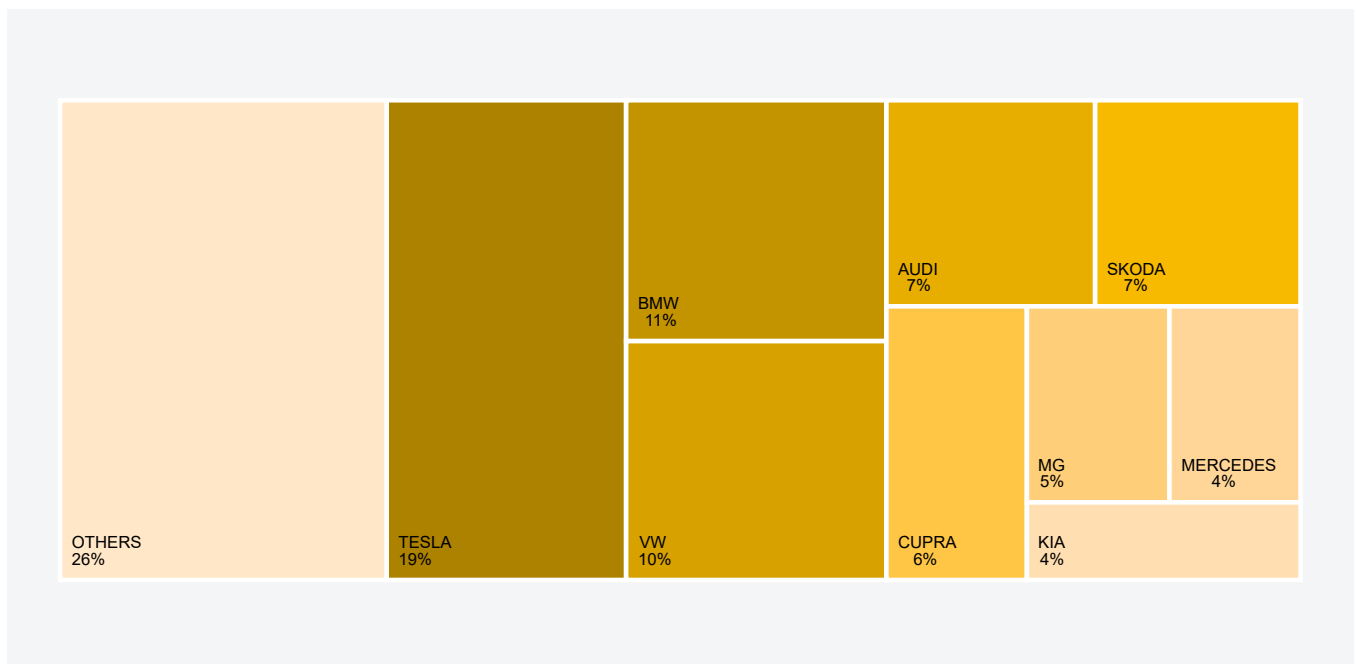
Source: Statistics Austria; Data status: 31/12 of the corresponding year respectively 30/11/2023; the 2023 population figures for PHEV (M1) and for "Further BEV of the classes L, M, N" were calculated on the basis of the old population (31/12/2022) and the cumulative new registrations of the current 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 3rd quarter 2023



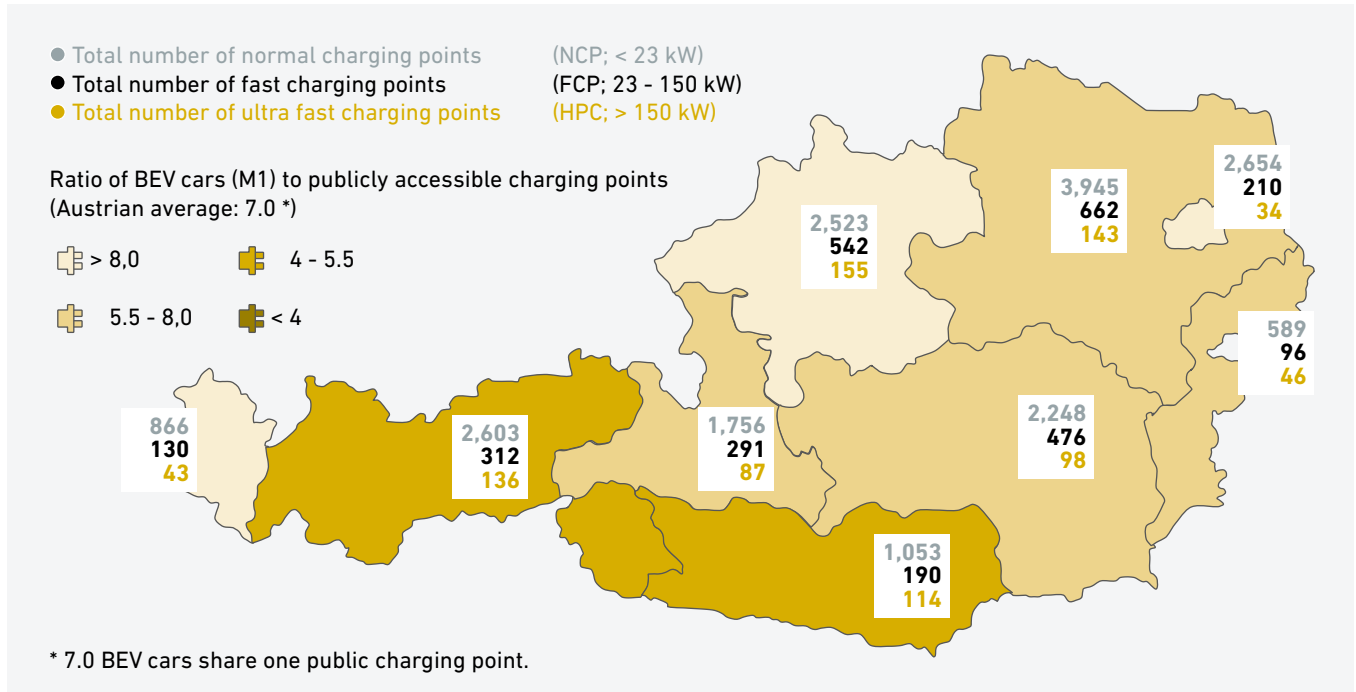
Source: Statistik Austria; Data status: 30/09/2023, Illustration: AustriaTech

### Best selling BEV passenger cars (M1) by brand, 1st to 3rd quarter 2023



Source: Statistik Austria; Data status: 30/09/2023, Illustration: AustriaTech

## Publicly accessible charging points per federal state, November 2023

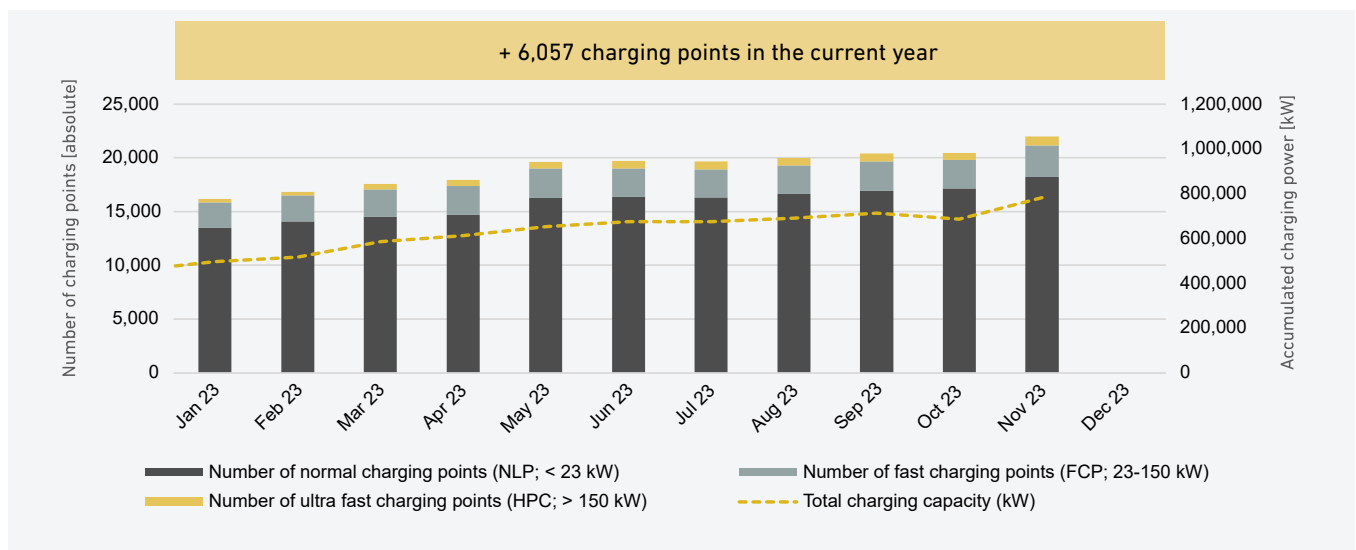


Source: E-Control; Data status: 05/12/2023, Illustration: AustriaTech

As of 5th **December 2023**, the Austrian charging network consists of 18,237 normal charging points, 2,909 fast charging points and 856 ultra fast charging points, leading **22,002 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.

## 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