

# E-Mobility in Austria

## Facts & Figures | October 2023



**4,378**  
BEV cars (M1)  
new registrations



**319**  
BEV-LCV (N1)  
new registrations



**3**  
BEV-HGV (N2 + N3)  
new registrations



**10**  
BEV buses (M2 + M3)  
new registrations

**2030: 100% in new registrations**

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



**148,070**  
BEV cars (M1)  
in operation



**20,469**  
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 October 2023

In October, Austria's National Competence Center for E-mobility actively campaigned for the implementation of European charging infrastructure requirements. Meanwhile, figures, data and current developments in electromobility are continuously monitored.

**AFIR networking meeting in Innsbruck**

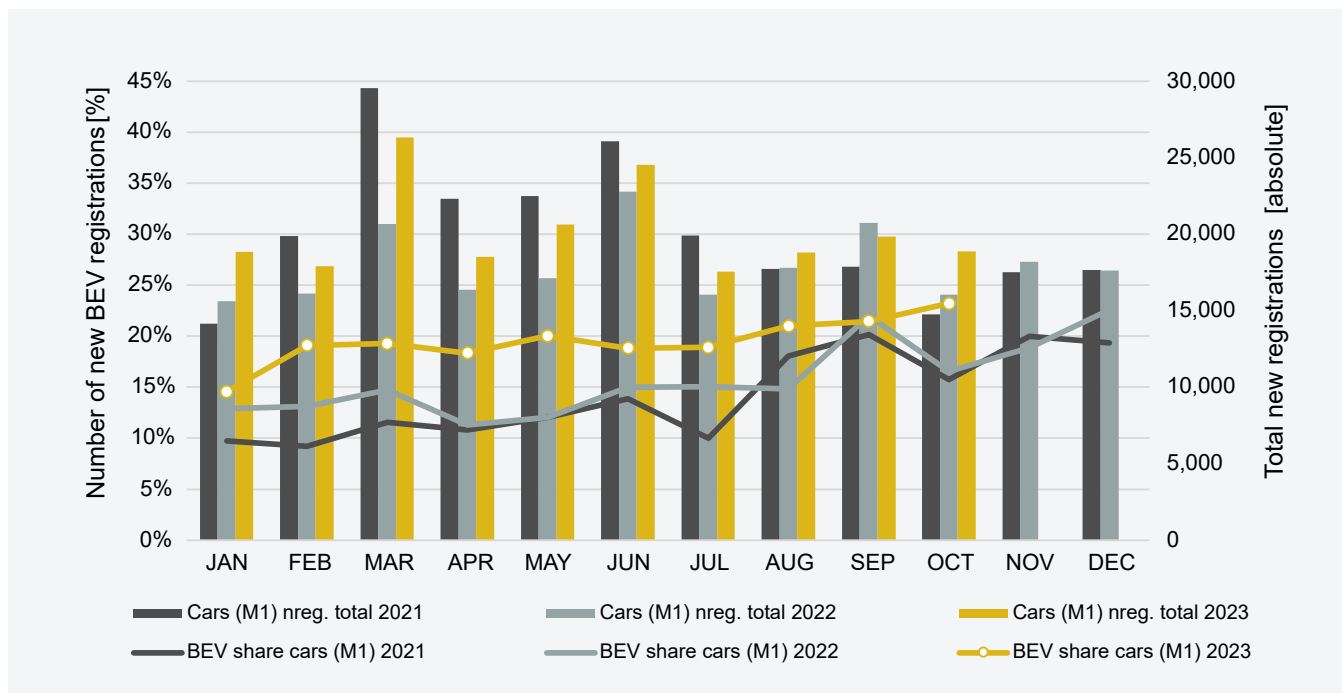
A central international networking meeting for the next implementation steps in the European charging network within the new AFIR (Alternative Fuels and Infrastructure Regulation) took place in October. The team OLÉ – Austria's National Competence Center for E-mobility supported the Austrian Federal Ministry for

Climate Action (BMK) and the province of Tyrol as hosts, where key stakeholders from Austria and several European countries as well as representatives of the industry and science came together. Central topics such as framework conditions, key issues and solutions in technological and organisational matters as well as implementation tools have been elaborated.

Among other topics, the need for international cooperation was emphasised in order to effectively implement the AFIR objectives. It is particularly important to recognise that heavy international freight transport is currently being electrified faster than assumed just a few years ago. Immense challenges and opportunities await politics, business and society, which are being closely monitored by OLÉ – Austria's National Competence Center for E-mobility.

Source: LinkedIn-Post by OLÉ [11/2023]

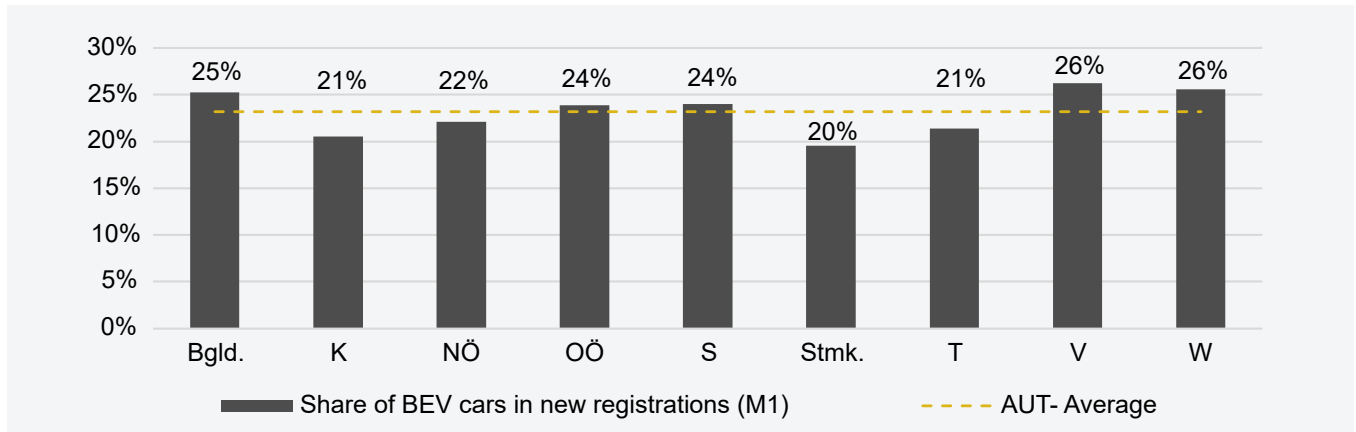
**New registrations per month: BEV cars (M1), 2021-2023**



Source: Statistics Austria; Data status: End of each month respectively 31/10/2023; Illustration: AustriaTech

### New registrations of BEV cars in October 2023

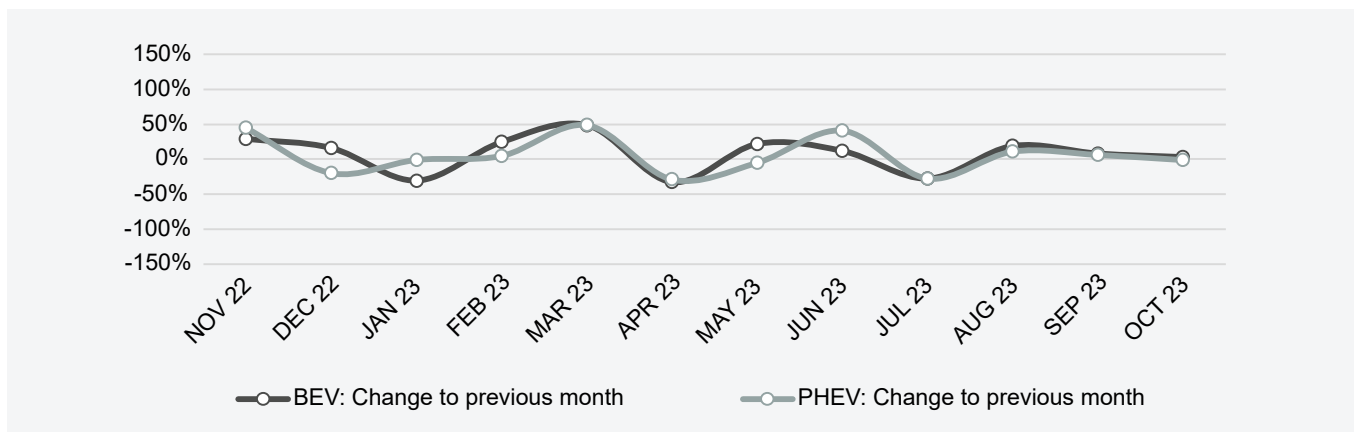
➤ Top 3 in BEV cars (M1): V 26% W 26% Bgld. 25%



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

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

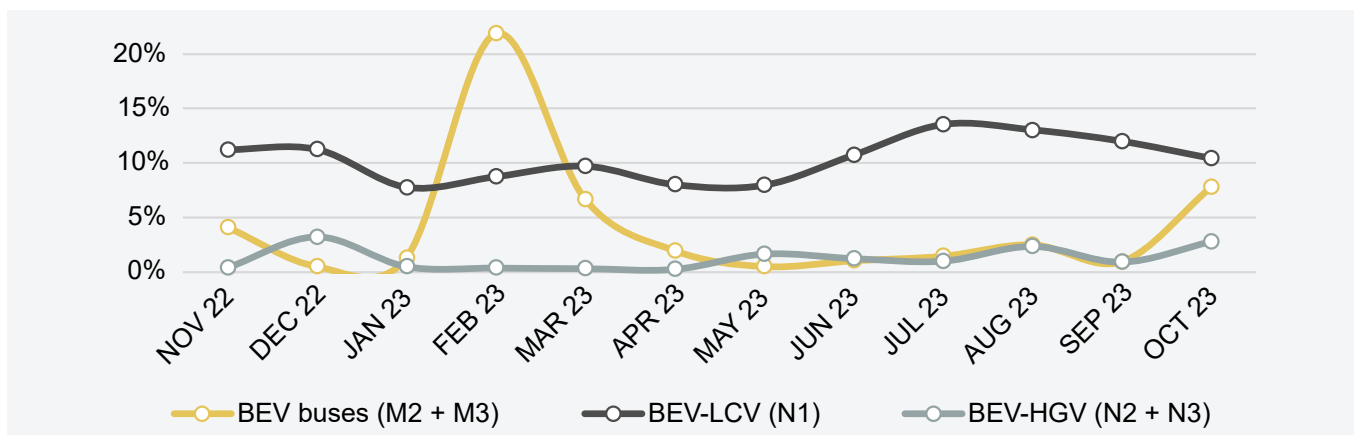
➤ BEV: +3% to previous month / PHEV: -1% to p.m.



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

### New registrations by categories of commercial BEV

➤ BEV-LCV (N1): 319 / BEV-HGV (N2 + N3): 3



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 Oct
<b>Passenger vehicle class M1</b>	303,318	308,555	329,604	353,320	341,068	329,363	248,740	239,803	215,050	201,753
Petrol incl. hybrids*	128,339	124,725	135,061	170,230	190,655	186,943	125,949	120,929	106,805	96,606
Diesel incl. hybrids*	172,471	180,340	188,989	175,501	141,119	130,423	98,757	70,782	60,735	51,257
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	14,597
Battery electric vehicle (BEV)	1,281	1,677	3,826	5,433	6,757	9,242	15,972	33,366	34,165	39,272
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%	46.73%
BEV share of new registrations	0.42%	0.54%	1.16%	1.54%	1.98%	2.81%	6.42%	13.91%	15.89%	19.47%
<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	5,608
Motorbikes/Tricycles/Quadracycles (class L)	672	651	1,478	1,667	2,251	2,617	2,805	3,765	4,335	2,807
Buses (classes M2 + M3)	1	12	22	6	17	22	14	11	26	30
Light commercial vehicles LCV (class N1; < 3.5 t)	203	267	449	237	446	500	739	2,341	2,067	2,735
Heavy goods vehicles HGV (classes N2 + N3; > 3.5 t)	0	0	0	0	10	2	0	38	57	36

\* Hybride ohne externe Lademöglichkeit

Source: Statistics Austria; Data status: 31/12 of the corresponding year respectively 31/10/2023; Illustration: AustriaTech

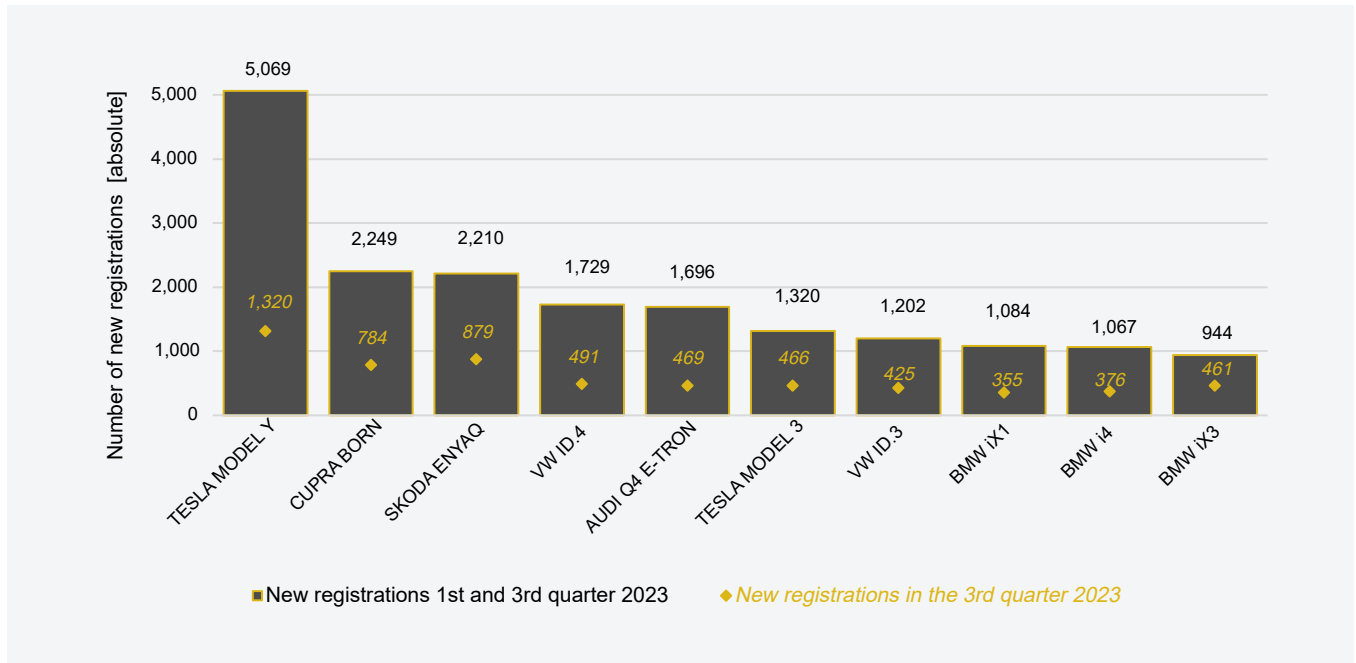
## Vehicle population per year by vehicle type, fuel type or power source

Vehicle types, fuel types or energy source	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023 Oct
<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	5,183,111
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	2,327,627
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	2,646,008
Gas (CNG, LNG; mono- & bivalent)	4,542	5,087	5,373	5,543	5,877	6,078	6,063	5,787	5,512	5,204
Plug-in hybrid electric vehicle (PHEV)	776	1,512	2,287	3,948	5,710	8,042	15,237	29,021	41,580	56,135
Battery electric vehicle (BEV)	3,386	5,032	9,073	14,618	20,831	29,523	44,507	76,539	110,225	148,070
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%	43.39%
BEV share of vehicle stock	0.07%	0.11%	0.19%	0.30%	0.42%	0.59%	0.87%	1.49%	2.14%	2.86%
<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	32,112
Motorbikes/Tricycles/Quadracycles (class L)	5,116	5,324	5,907	7,057	8,614	10,533	12,565	15,716	18,621	21,428
Buses (classes M2 + M3)	131	138	149	143	154	161	172	174	202	232
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	10,317
Heavy goods vehicles HGV (classes N2 + N3; > 3.5 t)	1	1	1	1	11	12	13	44	99	135

\* Hybride ohne externe Lademöglichkeit

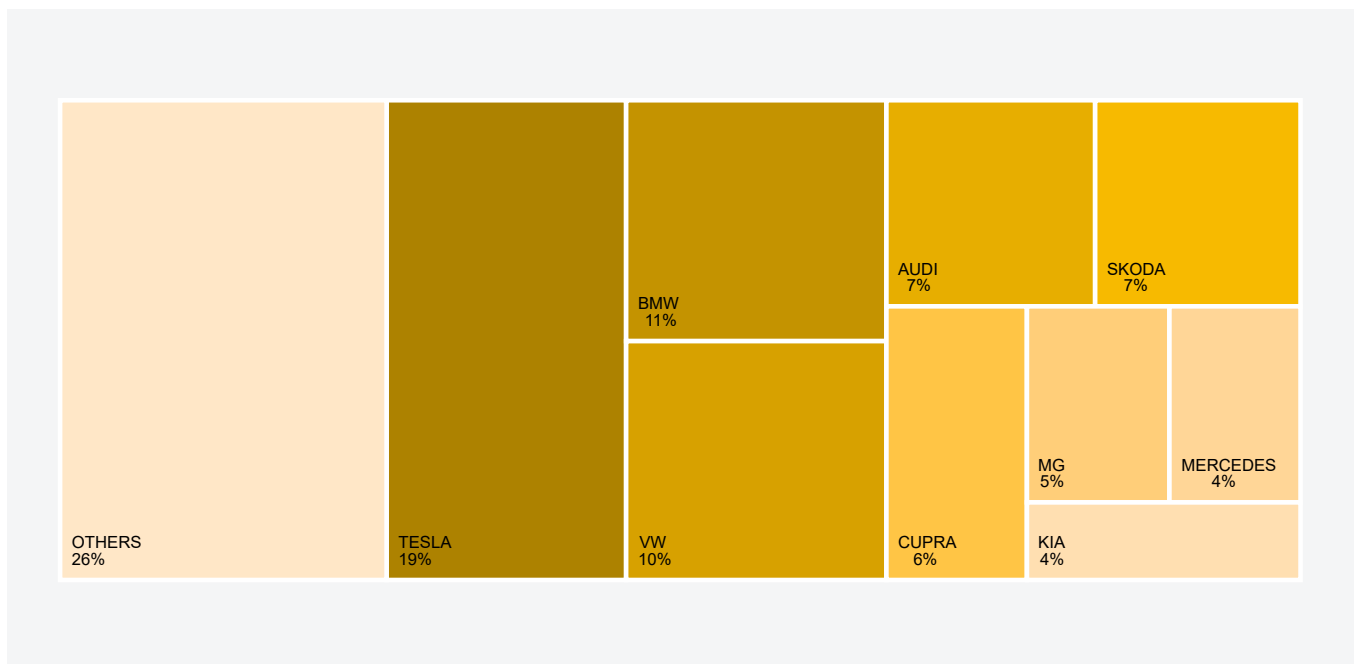
Source: Statistics Austria; Data status: 31/12 of the corresponding year respectively 30/10/2023; the 2023 population figures for PHEV (M1) and for "Further BEV of the classes L, M, N" were calculated on the basis of the old population (31/12/2022) and the cumulative new registrations of the current 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



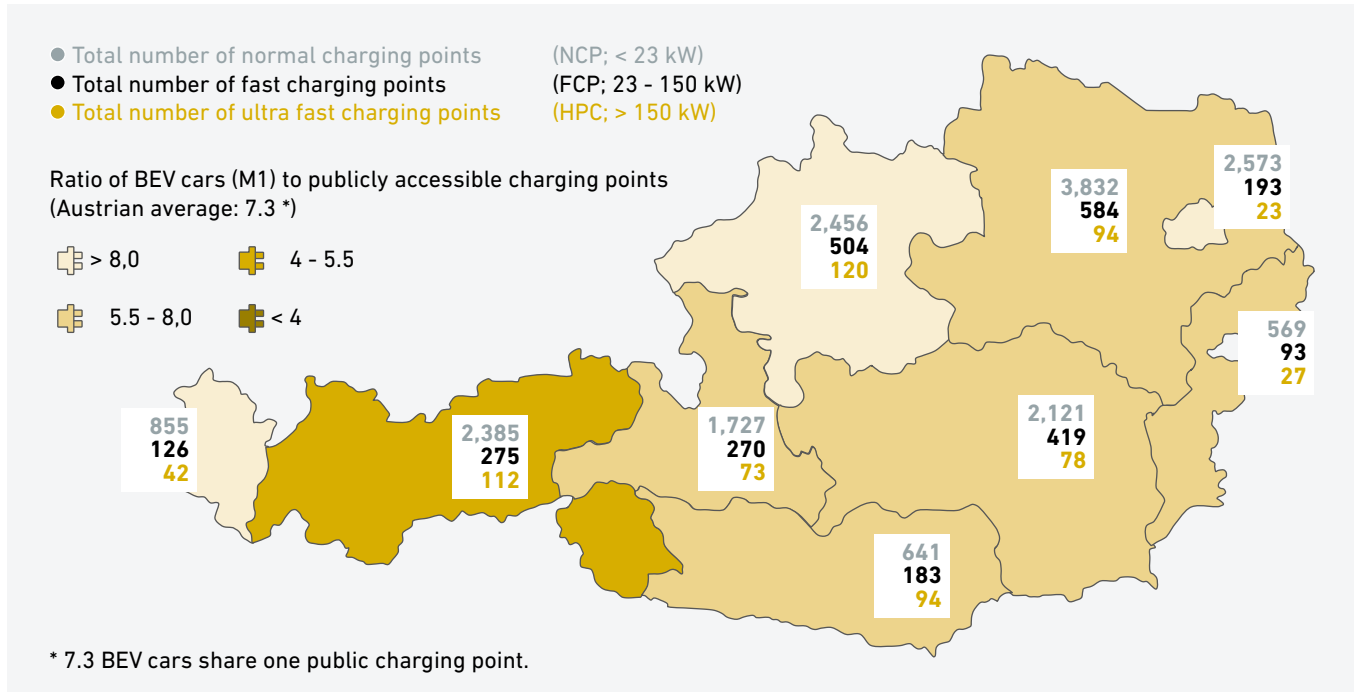
Source: Statistik Austria; Data status: 30/09/2023, Illustration: AustriaTech

### 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, October 2023

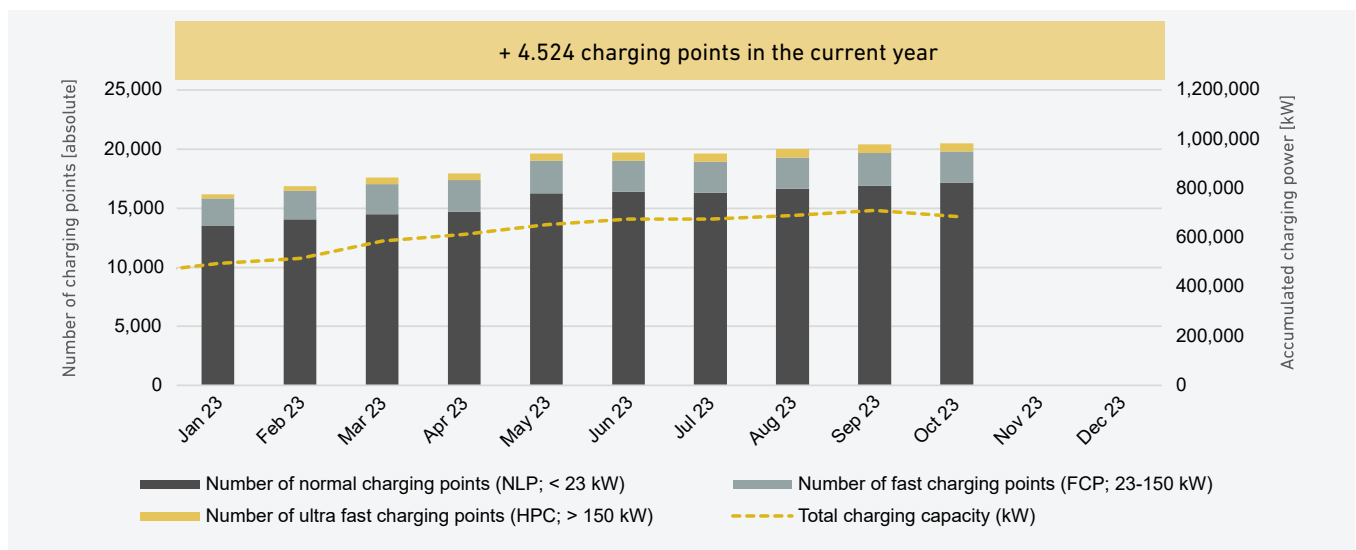


Source: E-Control; Data status: 06/11/2023, Illustration: AustriaTech

As of 6th **November 2023**, the Austrian charging network consists of 17.159 normal charging points, 2.647 fast charging points and 663 ultra fast charging points, leading **20.469 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