



**Market Coverage 2024**  
**Battery Health Check CARA Approved®**

**Created by**  
**CARA Europe Battery Health Workgroup**

**Version 1.2**

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## Requirements to cover the market

The providers must demonstrate that the test covers at least a predetermined percentage of BEV Passenger Vehicle Fleet registered in the previous year, including the confirmation, which brands and models can be tested with the test and any applicable exclusions. It is possible to provide a timeline of when tests for certain makes/models in future will be possible.

The provider needs to provide any evidence that tests have been performed for the minimum set of vehicles required and results

Vehicle registrations are based on official sources<sup>1</sup> or third parties that state their sources as an official authority. For simplicity, the minimum of 85% will be based on yearly registration at model level. As soon as new manufacturers of BEV vehicles enter the market relevant for CARA, they are included in the list of OEMs according to their respective percentage market coverage.

- (i) For 2024 certification, the level of model coverage is required to be at least 85%
- (ii) For 2025 certification and later, the level of model coverage is required to be at least 90%

### Minimum coverage<sup>2</sup>

Applicants will need to self-assess their coverage based on the following model basket:

#	Brands	Model	%	Aggregate
1	TESLA	MODEL Y	12,11%	12%
2	VOLKSWAGEN	ID.3	4,17%	16%
3	BMW	IX3	4,16%	20%
4	TESLA	MODEL 3	4,08%	25%
5	VOLKSWAGEN	ID.4, ID.5	3,74%	28%
6	AUDI	Q4 E-TRON	3,63%	32%
7	MG	MG4	3,50%	35%
8	SKODA	ENYAQ	2,75%	38%
9	FIAT	500E	2,66%	41%

#	Brands	Model	%	Aggregate
62	MERCEDES-BENZ	EQV	0,19%	93%
63	PEUGEOT	E-RIFTER	0,19%	93%
64	MG	MARVEL R	0,18%	94%
65	MAXUS	E DELIVER	0,18%	94%
66	AUDI	E-TRON GT	0,18%	94%
67	PEUGEOT	E-EXPERT	0,17%	94%
68	BYD	ATTO 3	0,17%	94%
69	GWM	FUNKY CAT	0,16%	94%
70	MERCEDES-BENZ	EVITO	0,14%	95%

<sup>1</sup> Official sources refer to either a local vehicle registration authority, ex. KBA in German, or a relevant association, ex. ACEA

<sup>2</sup> Market share per OEM is based on Q1 and Q2 of the year 2023 in the top 5 EU markets and the Benelux.

#	Brands	Model	%	Aggregate
10	POLESTAR	2	2,33%	43%
11	MERCEDES-BENZ	EQA	2,09%	45%
12	VOLVO	XC40	1,95%	47%
13	HYUNDAI	KONA	1,91%	49%
14	SEAT	BORN	1,86%	51%
15	OPEL	MOKKA	1,79%	53%
16	BMW	I4	1,78%	55%
17	PEUGEOT	E-208	1,75%	56%
18	KIA	NIRO	1,69%	58%
19	VOLKSWAGEN	ID.4	1,69%	60%
20	SMART	FORTWO	1,64%	61%
21	KIA	EV6	1,57%	63%
22	OPEL	CORSA	1,52%	64%
23	BMW	IX1	1,49%	66%
24	HYUNDAI	IONIQ 5	1,45%	67%
25	RENAULT	MEGANE	1,35%	69%
26	PORSCHE	TAYCAN	1,31%	70%
27	PEUGEOT	E-2008	1,28%	71%
28	MERCEDES-BENZ	EQB	1,23%	72%
29	AUDI	Q8 E-TRON	1,23%	74%
30	MINI	MINI	1,18%	75%
31	DACIA	SPRING	1,15%	76%
32	BMW	IX	0,97%	77%
33	MG	ZS	0,96%	78%
34	FORD	MUSTANG MACH-E	0,91%	79%
35	CITROEN	E-C4	0,89%	80%

#	Brands	Model	%	Aggregate
71	FORD	E-TRANSIT	0,14%	95%
72	TOYOTA	PROACE	0,13%	95%
73	RENAULT	KANGOO	0,13%	95%
74	BMW	I7	0,12%	95%
75	CITROEN	E-JUMPY	0,12%	95%
76	PEUGEOT	E-PARTNER	0,11%	95%
77	AUDI	Q4 E-TRON SPORTBACK	0,11%	95%
78	HYUNDAI	GV60	0,11%	96%
79	DS	3	0,10%	96%
80	TOYOTA	PROACE CITY	0,09%	96%
81	KIA	SOUL	0,08%	96%
82	FIAT	E-DOBLO	0,07%	96%
83	OPEL	ASTRA	0,05%	96%
84	CITROEN	E-DISPATCH	0,05%	96%
85	LEXUS	UX 300E	0,05%	96%
86	NISSAN	TOWNSTAR	0,04%	96%
87	LEXUS	RZ	0,04%	96%
88	HYUNDAI	GV70	0,04%	96%
89	OPEL	VIVARO-E	0,04%	96%
90	CITROEN	E-SPACETOURER	0,04%	96%
91	MAXUS	T90	0,03%	96%
92	SUBARU	SOLTERRA	0,03%	96%
93	OPEL	ZAFIRA-E	0,03%	96%
94	PEUGEOT	E-PARTNER	0,03%	96%
95	AUDI	Q8 E-TRON SPORTBACK	0,03%	96%
96	NIO	ET7	0,03%	96%

#	Brands	Model	%	Aggregate
36	MERCEDES-BENZ	EQC	0,78%	81%
37	VOLVO	C40	0,78%	81%
38	MERCEDES-BENZ	EQE	0,75%	82%
39	SMART	1	0,68%	83%
40	NISSAN	LEAF	0,68%	83%
41	MINI	COOPER	0,66%	84%
42	RENAULT	TWINGO	0,65%	85%
43	RENAULT	ZOE	0,65%	85%
44	VOLKSWAGEN	ID.BUZZ	0,63%	86%
45	CITROEN	E-BERLINGO	0,62%	87%
46	OPEL	VIVARO	0,60%	87%
47	HYUNDAI	IONIQ 6	0,58%	88%
48	MG	MG5	0,57%	88%
49	VOLKSWAGEN	UP!	0,49%	89%
50	MAZDA	MX-30	0,45%	89%
51	TOYOTA	BZ4X	0,45%	90%
52	MERCEDES-BENZ	EQS	0,44%	90%
53	VOLKSWAGEN	ID.5	0,42%	91%
54	NISSAN	ARIYA	0,42%	91%
55	JAGUAR	I-PACE	0,36%	91%
56	AUDI	E-TRON	0,34%	92%
57	TESLA	MODEL S	0,29%	92%
58	HYUNDAI	IONIQ	0,23%	92%
59	OPEL	COMBO	0,23%	93%
60	JEEP	AVENGER	0,22%	93%
61	TESLA	MODEL X	0,21%	93%

#	Brands	Model	%	Aggregate
97	HONDA	E	0,03%	96%
98	NIO	ET5	0,03%	96%
99	FIAT	E-ULYSSE	0,03%	96%
100	AIWAYS	U5	0,02%	96%
101	NIO	EL7	0,02%	97%
102	SSANGYONG	KORANDO	0,02%	97%
103	DR	EQ1	0,02%	97%
104	FIAT	E-SCUDO	0,02%	97%
105	FISKER	OCEAN	0,01%	97%
106	LOTUS	ELETRE	0,01%	97%
107	MINI	ONE	0,01%	97%
108	LUCID	AIR	0,01%	97%
109	AUDI	RS E-TRON	0,01%	97%
110	MERCEDES-BENZ	SPRINTER	0,01%	97%
111	RENAULT	MASTER	0,01%	97%
112	PEUGEOT	E-TRAVELLER	0,01%	97%
113	MAXUS	E-DELIVER 9	0,01%	97%
114	DS	3 CROSSBACK	0,01%	97%
115	FAW	E-HS9	0,01%	97%
116	BYD	BYD DOLPHIN	0,01%	97%
117	FIAT	E-DUCATO	0,01%	97%
118	HYUNDAI	G80	0,01%	97%
119	BYD	TANG	0,00%	97%
120	BYD	HAN	0,00%	97%
121	OTHER		3,73%	100,00%