CITROEN

EV BATTERY ELECTROCHEMICAL PERFORMANCE AND DURABILITY INFORMATION

Brand	Carline Family	Code	EV Type	Battery Model	Weight	Manufacturer	Place	Chemistry	Status	Rated capacity	Applied charge C-rate	Applied discharge C-rate	Power at maxi charge level	Power capability at 80% of the charge level (in kW)	Power capability at 50% of the charge level (in kW)	Power capability at 20% of the charge level (in kW)	Internal Resistance	Energy round trip efficiency	Ratio between nominal battery power (W) and battery energy (Wh)	Expected Lifetime (In number of equivalent reference cycle)	Expected lifetime (in calendar ageing)	Reference cycle used for expected lifetime
CITROEN	Berlingo Combi	K9 Combi	BEV	BC1-052-4-1	380 kg	Stellantis Auto SAS	Ellesmere Port, United Kingdom ;Vigo, Spain ;	Li-Ion LFP	New	146.8 Ah	C/3 up to 3.8V then C/20	C/3 up to 2V	155000 W	155 kW	155 kW	155 kW	0.09057 Ω	95.4 %	2.98 h-1	1000 reference cycles	15 years	Specific cycling procedure dependent on the battery chemistry and the EV application (please contact us for more details)
CITROEN	Berlingo Combi	K9 Combi	MHEV P2	BMX-001-0-1	12.2 kg	FinDreams Battery	Huizhou, P.R. China ;Chuzhou, P.R. China ;	Li-Ion NMC	New	20 Ah	1C up to 42V	1C down to 28V	28400 W	25.7 kW	22.6 kW	12.2 kW	0.007 Ω	98 %	27 h-1	22000 reference cycles	15 years	Specific cycling procedure dependent on the battery chemistry and the EV application (please contact us for more details)
CITROEN	Berlingo Van	K9 Van	BEV	BC1-052-4-1	380 kg	Stellantis Auto SAS	Ellesmere Port, United Kingdom ;Vigo, Spain ;	Li-Ion LFP	New	146.8 Ah	C/3 up to 3.8V then C/20	C/3 up to 2V	155000 W	155 kW	155 kW	155 kW	0.09057 Ω	95.4 %	2.98 h-1	1000 reference cycles	15 years	Specific cycling procedure dependent on the battery chemistry and the EV application (please contact us for more details)
CITROEN	Berlingo Van	K9 Van	MHEV P2	BMX-001-0-1	12.2 kg	FinDreams Battery	Huizhou, P.R. China ;Chuzhou, P.R. China ;	Li-Ion NMC	New	20 Ah	1C up to 42V	1C down to 28V	28400 W	25.7 kW	22.6 kW	12.2 kW	0.007 Ω	98 %	27 h-1	22000 reference cycles	15 years	Specific cycling procedure dependent on the battery chemistry and the EV application (please contact us for more details)
CITROEN	C3	CC21	BEV	BS3-028-4-1	275 kg	SVOLT	Changzhou City, P.R. China ;	Li-Ion LFP	New	100 Ah	1/3C charge to 3.65V then switch to C/20 charge to 3.65V	1/3C discharge to 2.0V	97900 W	95 kW	93 kW	90 kW	0.094 Ω	92 %	3.23 h-1	1000 reference cycles	15 years	Specific cycling procedure dependent on the battery chemistry and the EV application (please contact us for more details)
CITROEN	C3	CC21	BEV	BS3-044-4-2	350 kg	Stellantis Auto SAS	Kragujevac, Serbia ;Trnava, Slovakia ;	Li-Ion LFP	New	140.4 Ah	1/3C until 3.65V then 0.05C until 3.65V	1/3C until 2V	159300 W	158.2 kW	148 kW	134.6 kW	0.116 Ω	94 %	3.59 h-1	1000 reference cycles	15 years	Specific cycling procedure dependent on the battery chemistry and the EV application (please contact us for more details)
CITROEN	C3	CC21	MHEV P2	BSX-001-0-1	12.2 kg	FinDreams Battery	Huizhou, P.R. China ;Chuzhou, P.R. China ;	Li-Ion NMC	New	20 Ah	1C up to 42V	1C down to 28V	28400 W	25.7 kW	22.6 kW	12.2 kW	0.007 Ω	98 %	27 h-1	22000 reference cycles	15 years	Specific cycling procedure dependent on the battery chemistry and the EV application (please contact us for more details)
CITROEN	C3 Aircross	CC24	BEV	BS3-044-4-2	350 kg	Stellantis Auto SAS	Kragujevac, Serbia ;Trnava, Slovakia ;	Li-Ion LFP	New	140.4 Ah	1/3C until 3.65V then 0.05C until 3.65V	1/3C until 2V	159300 W	158.2 kW	148 kW	134.6 kW	0.116 Ω	94 %	3.59 h-1	1000 reference cycles	15 years	Specific cycling procedure dependent on the battery chemistry and the EV application (please contact us for more details)
CITROEN	C3 Aircross	CC24	MHEV P2	BSX-001-0-1	12.2 kg	FinDreams Battery	Huizhou, P.R. China ;Chuzhou, P.R. China ;	Li-Ion NMC	New	20 Ah	1C up to 42V	1C down to 28V	28400 W	25.7 kW	22.6 kW	12.2 kW	0.007 Ω	98 %	27 h-1	22000 reference cycles	15 years	Specific cycling procedure dependent on the battery chemistry and the EV application (please contact us for more details)
CITROEN	C4 Hatch	C41	BEV	BS2-049-4-5	350 kg	Stellantis Auto SAS	Vigo, Spain ;	Li-Ion NMC	New	121 Ah	C/3 until 4.2 V then C/20	C/3 until 2.8V	196300 W	189.4 kW	174.5 kW	162.6 kW	0.1385 Ω	96 %	4.11 h-1	1000 reference cycles	15 years	Specific cycling procedure dependent on the battery chemistry and the EV application (please contact us for more details)
CITROEN	C4 Hatch	C41	BEV	BS2-049-4-6	350 kg	Stellantis Auto SAS	Zaragoza, Spain ;	Li-Ion NMC	New	121 Ah	C/3 until 4.2 V then C/20	C/3 until 2.8V	196300 W	189.4 kW	174.5 kW	162.6 kW	0.1385 Ω	96 %	4.11 h-1	1000 reference cycles	15 years	Specific cycling procedure dependent on the battery chemistry and the EV application (please contact us for more details)
CITROEN	C4 Hatch	C41	BEV	BS2-054-4-3_0	340 kg	Stellantis Auto SAS	Vigo, Spain ;	Li-Ion NMC	New	145.2 Ah	C/3 until 4.25V then C/20	C/3 until 2.5V	136000 W	136 kW	136 kW	135 kW	0.114 Ω	97 %	2.5 h-1	1000 reference cycles	15 years	Specific cycling procedure dependent on the battery chemistry and the EV application (please contact us for more details)
CITROEN	C4 Hatch	C41	BEV	BS2-054-4-3_1	340 kg	Stellantis Auto SAS	Vigo, Spain ;	Li-Ion NMC	New	145.2 Ah	C/3 until 4.25V then C/20	C/3 until 2.5V	155000 W	155 kW	155 kW	155 kW	0.114 Ω	97 %	2.84 h-1	1000 reference cycles	15 years	Specific cycling procedure dependent on the battery chemistry and the EV application (please contact us for more details)
CITROEN	C4 Hatch	C41	BEV	BS2-054-4-4	340 kg	Stellantis Auto SAS	Zaragoza, Spain ;	Li-Ion NMC	New	145.2 Ah	C/3 until 4.25V then C/20	C/3 until 2.5V	155000 W	155 kW	155 kW	155 kW	0.114 Ω	97 %	2.84 h-1	1000 reference cycles	15 years	Specific cycling procedure dependent on the battery chemistry and the EV application (please contact us for more details)
CITROEN	C4 Hatch	C41	MHEV P2	BSX-001-0-1	12.2 kg	FinDreams Battery	Huizhou, P.R. China ;Chuzhou, P.R. China ;	Li-Ion NMC	New	20 Ah	1C up to 42V	1C down to 28V	28400 W	25.7 kW	22.6 kW	12.2 kW	0.007 Ω	98 %	27 h-1	22000 reference cycles	15 years	Specific cycling procedure dependent on the battery chemistry and the EV application (please contact us for more details)
CITROEN	C4 X	C43	BEV	BS2-049-4-5	350 kg	Stellantis Auto SAS	Vigo, Spain ;	Li-Ion NMC	New	121 Ah	C/3 until 4.2 V then C/20	C/3 until 2.8V	196300 W	189.4 kW	174.5 kW	162.6 kW	0.1385 Ω	96 %	4.11 h-1	1000 reference cycles	15 years	Specific cycling procedure dependent on the battery chemistry and the EV application (please contact us for more details)
CITROEN	C4 X	C43	BEV	BS2-049-4-6	350 kg	Stellantis Auto SAS	Zaragoza, Spain ;	Li-Ion NMC	New	121 Ah	C/3 until 4.2 V then C/20	C/3 until 2.8V	196300 W	189.4 kW	174.5 kW	162.6 kW	0.1385 Ω	96 %	4.11 h-1	1000 reference cycles	15 years	Specific cycling procedure dependent on the battery chemistry and the EV application (please contact us for more details)
CITROEN	C4 X	C43	BEV	BS2-054-4-3_0	340 kg	Stellantis Auto SAS	Vigo, Spain ;	Li-Ion NMC	New	145.2 Ah	C/3 until 4.25V then C/20	C/3 until 2.5V	136000 W	136 kW	136 kW	135 kW	0.114 Ω	97 %	2.5 h-1	1000 reference cycles	15 years	Specific cycling procedure dependent on the battery chemistry and the EV application (please contact us for more details)
CITROEN	C4 X	C43	BEV	BS2-054-4-3_1	340 kg	Stellantis Auto SAS	Vigo, Spain ;	Li-Ion NMC	New	145.2 Ah	C/3 until 4.25V then C/20	C/3 until 2.5V	155000 W	155 kW	155 kW	155 kW	0.114 Ω	97 %	2.84 h-1	1000 reference cycles	15 years	Specific cycling procedure dependent on the battery chemistry and the EV application (please contact us for more details)
CITROEN	C4 X	C43	BEV	BS2-054-4-4	340 kg	Stellantis Auto SAS	Zaragoza, Spain ;	Li-Ion NMC	New	145.2 Ah	C/3 until 4.25V then C/20	C/3 until 2.5V	155000 W	155 kW	155 kW	155 kW	0.114 Ω	97 %	2.84 h-1	1000 reference cycles	15 years	Specific cycling procedure dependent on the battery chemistry and the EV application (please contact us for more details)
CITROEN	C4 X	C43	MHEV P2	BSX-001-0-1	12.2 kg	FinDreams Battery	Huizhou, P.R. China ;Chuzhou, P.R. China ;	Li-Ion NMC	New	20 Ah	1C up to 42V	1C down to 28V	28400 W	25.7 kW	22.6 kW	12.2 kW	0.007 Ω	98 %	27 h-1	22000 reference cycles	15 years	Specific cycling procedure dependent on the battery chemistry and the EV application (please contact us for more details)
CITROEN	C5 Aircross	C84	PHEV	BM1-013-4-1	119 kg	LG Energy Solution	Wroclaw, Poland ;	Li-Ion NMC	New	40.8 Ah	1C until 4.2V then CV until C/20	1C until 2.5V	115400 W	108.6 kW	100.6 kW	92.7 kW	0.118 Ω	94.7 %	9.28 h-1	1000 reference cycles	15 years	Specific cycling procedure dependent on the battery chemistry and the EV application (please contact us for more details)
CITROEN	C5 Aircross	C84	PHEV	BM1-014-4-1	135 kg	LG Energy Solution	Wroclaw, Poland ;	Li-Ion NMC	New	40.8 Ah	1C until 4.2V then CV until C/20	1C until 2.5V	131900 W	124.1 kW	115 kW	105.9 kW	0.131 Ω	94.7 %	9.28 h-1	1000 reference cycles	15 years	Specific cycling procedure dependent on the battery chemistry and the EV application (please contact us for more details)
CITROEN	C5 Aircross	CR3	PHEV	BM2-021-4-1	161 kg	Stellantis Auto SAS	Melfi, Italy ;Eisenach, Germany ;Rennes, France ;Sochaux, France ;	Li-Ion NMC	New	60 Ah	1C until 4.25V then C/20	1C up tp 2.8V	115000 W	115 kW	115 kW	115 kW	0.137 Ω	95.6 %	5.47 h-1	1000 reference cycles	15 years	Specific cycling procedure dependent on the battery chemistry and the EV application (please contact us for more details)
CITROEN	C5 Aircross	CR3	BEV	BM2-087-4-2	507 kg	Stellantis Auto SAS	Eisenach, Germany ;	Li-Ion NMC	New	237.7 Ah	C/3 until 4.2V then C/40	C/3 until 2.3V	285200 W	278.8 kW	254.5 kW	229.8 kW	0.0755 Ω	96 %	3.4 h-1	1000 reference cycles	15 years	Specific cycling procedure dependent on the battery chemistry and the EV application (please contact us for more details)

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CITROEN	C5 Aircross	CR3	BEV	BM2-100-4-2	562 kg	Stellantis Auto SAS	Rennes, France ;Eisenach, Germany ;Melfi, Italy ;Sochaux, France ;	Li-Ion NMC	New	280 Ah	C/3 until 4.2V then C/40	C/3 until 2.3V	331800 W	325.4 kW	296.1 kW	268.7 kW	0.0646 Ω	96 %	3.36 h-1	1000 reference cycles	15 years	Specific cycling procedure dependent on the battery chemistry and the EV application (please contact us for more details)
CITROEN	C5 Aircross	C84	MHEV P2	BMX-001-0-1	12.2 kg	FinDreams Battery	Huizhou, P.R. China ;Chuzhou, P.R. China ;	Li-Ion NMC	New	20 Ah	1C up to 42V	1C down to 28V	28400 W	25.7 kW	22.6 kW	12.2 kW	0.007 Ω	98 %	27 h-1	22000 reference cycles	15 years	Specific cycling procedure dependent on the battery chemistry and the EV application (please contact us for more details)
CITROEN	C5 Aircross	CR3	MHEV P2	BMX-001-0-1	12.2 kg	FinDreams Battery	Huizhou, P.R. China ;Chuzhou, P.R. China ;	Li-Ion NMC	New	20 Ah	1C up to 42V	1C down to 28V	28400 W	25.7 kW	22.6 kW	12.2 kW	0.007 Ω	98 %	27 h-1	22000 reference cycles	15 years	Specific cycling procedure dependent on the battery chemistry and the EV application (please contact us for more details)
CITROEN	C5X	E43	PHEV	BM1-013-4-2	120 kg	LG Energy Solution	Wroclaw, Poland ;	Li-Ion NMC	New	40.8 Ah	1C until 4.2V then CV until C/20	1C until 2.5V	115400 W	108.6 kW	100.6 kW	92.7 kW	0.116 Ω	94.7 %	9.28 h-1	1000 reference cycles	15 years	Specific cycling procedure dependent on the battery chemistry and the EV application (please contact us for more details)
CITROEN	C5X	E43	PHEV	BM1-017-4-1	139 kg	SVOLT	Changzhou City, P.R. China ;	Li-Ion NMC	Original	62.5 Ah	1C charge to 4.2V then switch to C/20 charge to 4.2V	1C discharge to 2.8V	137200 W	133.0 kW	108.7 kW	72.2 kW	0.075 Ω	97 %	8.3 h-1	1000 reference cycles	15 years	Specific cycling procedure dependent on the battery chemistry and the EV application (please contact us for more details)
CITROEN	C5X	E43	MHEV P2	BMX-001-0-1	12.2 kg	FinDreams Battery	Huizhou, P.R. China ;Chuzhou, P.R. China ;	Li-Ion NMC	New	20 Ah	1C up to 42V	1C down to 28V	28400 W	25.7 kW	22.6 kW	12.2 kW	0.007 Ω	98 %	27 h-1	22000 reference cycles	15 years	Specific cycling procedure dependent on the battery chemistry and the EV application (please contact us for more details)
CITROEN	Jumper	X250 Van	FCEV	BC3-013-4-1	119 kg	LG Energy Solution	Wroclaw, Poland ;	Li-Ion NMC	New	40.8 Ah	1C until 4.2V then CV until C/20	1C until 2.5V	115400 W	108.6 kW	100.6 kW	92.7 kW	0.116 Ω	94.7 %	9.28 h-1	1000 reference cycles	15 years	Specific cycling procedure dependent on the battery chemistry and the EV application (please contact us for more details)
CITROEN	Jumper	X250 Van	BEV	BC3-110-4-2	655 kg	Stellantis Auto SAS	Gliwice, Poland ;	Li-Ion NMC	New	334 Ah	C/3 until 4.2V then C/20	C/3 until 2.8V	300000 W	298 kW	274 kW	255 kW	0.15 Ω	96 %	2.72 h-1	1000 reference cycles	15 years	Specific cycling procedure dependent on the battery chemistry and the EV application (please contact us for more details)
CITROEN	Jumpy	K0 Van	FCEV	BC2-013-4-1	119 kg	LG Energy Solution	Wroclaw, Poland ;	Li-Ion NMC	New	40.8 Ah	1C until 4.2V then CV until C/20	1C until 2.5V	115400 W	108.6 kW	100.6 kW	92.7 kW	0.116 Ω	94.7 %	9.28 h-1	1000 reference cycles	15 years	Specific cycling procedure dependent on the battery chemistry and the EV application (please contact us for more details)
CITROEN	Jumpy	K0 Van	BEV	BC2-049-4-2	350 kg	Stellantis Auto SAS	Hordain, France ;	Li-Ion NMC	New	145.8 Ah	C/3 until 4.25 V then C/20	C/3 until 2,5V	137400 W	137.4 kW	137.4 kW	137.4 kW	0.1023 Ω	97 %	2.86 h-1	1000 reference cycles	15 years	Specific cycling procedure dependent on the battery chemistry and the EV application (please contact us for more details)
CITROEN	Jumpy	K0 Van	BEV	BC2-074-4-2	534 kg	Stellantis Auto SAS	Hordain, France ;	Li-Ion NMC	New	181.5 Ah	C/3 until 4.2 V then C/20	C/3 until 2,8V	243000 W	233 kW	219 kW	188 kW	0.062 Ω	97 %	3.26 h-1	1000 reference cycles	15 years	Specific cycling procedure dependent on the battery chemistry and the EV application (please contact us for more details)
CITROEN	Jumpy Combi / Spacetourer	K0 Combi	BEV	BC2-049-4-2	350 kg	Stellantis Auto SAS	Hordain, France ;	Li-Ion NMC	New	145.8 Ah	C/3 until 4.25 V then C/20	C/3 until 2,5V	137400 W	137.4 kW	137.4 kW	137.4 kW	0.1023 Ω	97 %	2.86 h-1	1000 reference cycles	15 years	Specific cycling procedure dependent on the battery chemistry and the EV application (please contact us for more details)
CITROEN	Jumpy Combi / Spacetourer	K0 Combi	BEV	BC2-074-4-2	534 kg	Stellantis Auto SAS	Hordain, France ;	Li-Ion NMC	New	181.5 Ah	C/3 until 4.2 V then C/20	C/3 until 2,8V	243000 W	233 kW	219 kW	188 kW	0.062 Ω	97 %	3.26 h-1	1000 reference cycles	15 years	Specific cycling procedure dependent on the battery chemistry and the EV application (please contact us for more details)