

DS
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 max 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
DS	DS D-Cross	D85	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)
DS	DS3	D34	BEV	BS2-054-4-2_0	340 kg	Stellantis Auto SAS	Tychy, Poland ;	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)
DS	DS3	D34	BEV	BS2-054-4-2_1	340 kg	Stellantis Auto SAS	Poissy, France ;	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)
DS	DS3	D34	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)
DS	DS4	D41	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)
DS	DS4	D41	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)
DS	DS4	D41	BEV	BM1-062-4-3	367 kg	Stellantis Auto SAS	Russelsheim, Germany ;	Li-Ion NMC	New	155.8 Ah	C/3 until 4.25V then C/20	C/3 until 2.8V	204900 W	204.9 kW	204.9 kW	204.9 kW	0.099 Ω	96.86 %	3.32 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)
DS	DS4	D41	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)
DS	DS7 Crossback	X74	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)
DS	DS7 Crossback	D74	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)
DS	DS7 Crossback	D74	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)