



GERMACEN[®]

FROM GERMANY



AUTOMOTIVE BATTERY CATALOGUE

SOURCE OF POWER BY GERMAGEN





GERMAGEN[®]

FROM GERMANY



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From Germany 2024



ISO 9001
ISO 14001
ISO 45001
IATF 16949



Intertek



Intertek

LIGHT VEHICLES BATTERY RANGE

GERMAGEN AGM SERIES START/STOP



Germagen START/STOP AGM series with special absorbent glass mat and superb performance, suitable for the most demanding modern vehicles and their electrical systems. The series offers excellent endurance, ideal for advanced start-stop systems where the battery needs to be charged and discharged repeatedly while keeping its performance.

					
LIFE EXPECTANCY	START/STOP SYSTEMS	EQUIPMENT LEVEL	CYCLING CAPABILITY	CCA CAPABILITY	WATER CONSUMPTION
★★★★★	HIGHLY RECOMMENDED	★★★★★	★★★★★	★★★★★	EXTREMELY LOW

GERMAGEN EFB SERIES START/STOP



Germagen START/STOP EFB series is perfectly suited for light vehicles with standard Start/Stop systems which operate at a partial state of charge and do not require the deep-cycling characteristics of an AGM battery. Our technology with improved casted plates and the addition of a polyester fleece scrim mesh to the PAM surface greatly improves the endurance.

					
LIFE EXPECTANCY	START/STOP SYSTEMS	EQUIPMENT LEVEL	CYCLING CAPABILITY	CCA CAPABILITY	WATER CONSUMPTION
★★★★★	RECOMMENDED	★★★★★	★★★★★	★★★★★	VERY LOW

GERMAGEN PLATINUM SERIES



Germagen PLATINUM series is designed & developed for highly equipped vehicles with the highest power demands. The carbon technology additive in NAM provides exceptional dynamic charge acceptance. Additional +30% enhanced starting power for top level performance.

LIFE EXPECTANCY	START/STOP SYSTEMS	EQUIPMENT LEVEL	CYCLING CAPABILITY	CCA CAPABILITY	WATER CONSUMPTION
★★★★	NOT RECOMMENDED	★★★★	★★★	★★★★	VERY LOW

GERMAGEN GOLD SERIES



Germagen GOLD DIN and JIS series provides enhanced performance for the latest equipment and high electrical requirements. Our improved punched grid construction provides high starting power and endurance suitable for all classes of Din and Asian type light vehicles. Available option for high temperature climates.

LIFE EXPECTANCY	START/STOP SYSTEMS	EQUIPMENT LEVEL	CYCLING CAPABILITY	CCA CAPABILITY	WATER CONSUMPTION
★★★	NOT RECOMMENDED	★★★	★★★	★★★	VERY LOW

GERMAGEN SILVER SERIES



Germagen SILVER series is perfectly suited for vehicles with standard level of electrical demand. Provides increased power and endurance.

LIFE EXPECTANCY	START/STOP SYSTEMS	EQUIPMENT LEVEL	CYCLING CAPABILITY	CCA CAPABILITY	WATER CONSUMPTION
★★	NOT RECOMMENDED	★★	★★	★★	VERY LOW

LIGHT VEHICLES

Battery Type	Performance		Box	Dimensions, mm			Technical Characteristics		
	Capacity, Ah	CCA, A		L	W	H	Layout	Terminals	Hold Down
GERMAGEN AGM START/STOP SERIES									
560 901 064	60	640	L2	242	175	190	0	1	B13
570 901 076	70	760	L3	278	175	190	0	1	B13
580 901 084	80	840	L4	310	175	190	0	1	B13
595 901 086	95	860	L5	353	175	190	0	1	B13
605 901 095	105	950	L6	393	175	190	0	1	B13
GERMAGEN EFB START/STOP SERIES									
560 002 060	60	600	L2	242	175	190	0	1	B13
565 002 056	65	560	D23	230	170	220	0	1	B1
565 003 056	65	560	D23	230	170	220	1	1	B1
565 002 070	65	700	LB3	278	175	175	0	1	B13/B4
570 002 070	70	700	L3	278	175	190	0	1	B13
572 002 068	72	680	D26	260	170	220	0	1	B1
575 002 078	75	780	L4	310	175	175	0	1	B13/B4
580 002 078	80	780	L4	310	175	190	0	1	B13
585 002 074	85	740	D31	304	173	220	0	1	B1
590 002 086	90	860	L5	353	175	190	0	1	B13
GERMAGEN PLATINUM SERIES									
545 090 033 SMF	45	330	B19	197	128	220	0	3	B13
545 091 033 SMF	45	330	B19	197	128	220	1	3	B13
550 053 040 SMF	50	400	B24	237	128	220	0	3	B13
550 055 040 SMF	50	400	B24	237	128	220	1	3	B13
553 027 050 SMF	53	500	LB1	207	175	175	0	1	B13
556 112 056 SMF	56	560	L1	207	175	190	0	1	B13
563 078 060 SMF	63	600	LB2	242	175	175	0	1	B13
566 019 066 SMF	66	660	L2	242	175	190	0	1	B13
565 027 060 SMF	65	600	D23	230	170	220	0	1	B13
565 028 060 SMF	65	600	D23	230	170	220	1	1	B13
575 046 072 SMF	75	720	LB3	278	175	175	0	1	B13
575 083 072 SMF	75	720	L3	278	175	190	0	1	B13
580 043 076 SMF	80	760	L3	278	175	190	0	1	B13
575 027 070 SMF	75	700	D26	260	170	220	0	1	B13
575 028 070 SMF	75	700	D26	260	170	220	1	1	B13
585 015 078 SMF	85	780	LB4	310	175	175	0	1	B13
590 046 082 SMF	90	820	L4	310	175	190	0	1	B13
595 032 082 SMF	95	820	D31	304	173	220	0	1	B13
595 033 082 SMF	95	820	D31	304	173	220	1	1	B13
600 044 092 SMF	100	920	L5	353	175	190	0	1	B13
GERMAGEN GOLD SERIES									
535 020 030 SMF	35	300	B19	197	128	220	0	3	B0
535 022 030 SMF	35	300	B19	197	128	220	1	3	B0
535 087 030 SMF	35	300	B19	197	128	220	0	3	B1
540 046 032 SMF	40	320	LB1	207	175	175	0	1	B13/B4
545 012 036 SMF	45	360	LB1	207	175	175	0	1	B13/B4
545 059 036 SMF	45	360	L1	207	175	190	0	1	B13
545 084 033 SMF	45	330	B24	237	128	220	0	3	B0
545 051 033 SMF	45	330	B24	237	128	220	1	3	B0
545 023 033 SMF	45	330	B24	237	128	220	0	1	B0
545 024 033 SMF	45	330	B24	237	128	220	1	1	B0
550 014 042 SMF	50	420	LB1	207	175	175	0	1	B13/B4
550 027 042 SMF	50	420	L1	207	175	190	0	1	B13
550 056 042 SMF	50	420	LB2	242	175	175	0	1	B13/B4
550 103 042 SMF	50	420	L2	242	175	190	0	1	B13
555 019 048 SMF	55	480	LB2	242	175	175	0	1	B13/B4
555 059 048 SMF	55	480	L2	242	175	190	0	1	B13
560 077 054 SMF	60	540	LB2	242	175	175	0	1	B13/B4
560 078 054 SMF	60	540	L2	242	175	190	0	1	B13
560 103 054 SMF	60	540	L2	242	175	190	1	1	B13
560 068 045 SMF	60	450	D23	230	170	220	0	1	B1
560 069 045 SMF	60	450	D23	230	170	220	1	1	B1

Battery Type	Performance		Box	Dimensions, mm			Technical Characteristics		
	Capacity, Ah	CCA, A		L	W	H	Layout	Terminals	Hold Down
GERMAGEN GOLD SERIES (CONTINUED)									
560 048 045 SMF	60	450	D26	260	170	220	0	1	B1
560 049 045 SMF	60	450	D26	260	170	220	1	1	B1
565 105 058 SMF	65	580	LB2	242	175	175	0	1	B13/B4
565 019 058 SMF	65	580	L2	242	175	190	0	1	B13
563 018 052 SMF	63	520	LB3	278	175	175	0	1	B13/B4
566 013 058 SMF	66	580	LB3	278	175	175	0	1	B13/B4
566 048 058 SMF	66	580	L3	278	175	190	0	1	B13
570 014 064 SMF	70	640	LB3	278	175	175	0	1	B13/B4
570 083 064 SMF	70	640	L3	278	175	190	0	1	B13
570 111 064 SMF	70	640	L3	278	175	190	1	1	B13
570 029 056 SMF	70	560	D26	260	170	220	0	1	B1
570 024 056 SMF	70	560	D26	260	170	220	1	1	B1
575 046 068 SMF	75	680	LB3	278	175	175	0	1	B13/B4
575 012 068 SMF	75	680	L3	278	175	190	0	1	B13
580 035 072 SMF	80	720	LB3	278	175	175	0	1	B13/B4
580 043 072 SMF	80	720	L3	278	175	190	0	1	B13
580 045 072 SMF	80	720	LB4	310	175	175	0	1	B13/B4
585 015 075 SMF	85	750	LB4	310	175	175	0	1	B13/B4
585 015 075 SMF	85	750	LB4	310	175	175	0	1	B13/B4
590 018 063 SMF	85	630	D31	304	173	220	0	1	B1
590 019 063 SMF	85	630	D31	304	173	220	1	1	B1
585 102 070 SMF	85	700	L5	353	175	190	0	1	B13
588 120 075 SMF	88	750	LB5	353	175	175	0	1	B13/B4
588 027 075 SMF	88	750	L5	353	175	190	0	1	B13
600 032 073 SMF	95	730	D31	304	173	220	0	1	B1
600 033 073 SMF	95	730	D31	304	173	220	1	1	B1
595 021 080 SMF	95	800	LB5	353	175	175	0	1	B13/B4
595 038 080 SMF	95	800	L5	353	175	190	0	1	B13
600 130 084 SMF	100	840	LB5	353	175	175	0	1	B13/B4
600 044 084 SMF	100	840	L5	353	175	190	0	1	B13
GERMAGEN SILVER SERIES									
540 059 030	40	300	L0	175	175	190	0	1	B13
544 119 035	44	350	L0	175	175	190	0	1	B13
540 046 032	40	320	LB1	207	175	175	0	1	B13/B4
540 025 032	40	320	L1	207	175	190	0	1	B13
545 012 036	45	360	LB1	207	175	175	0	1	B13/B4
545 059 036	45	360	L1	207	175	190	0	1	B13
550 014 042	50	420	LB1	207	175	175	0	1	B13/B4
550 027 042	50	420	L1	207	175	190	0	1	B13
545 019 036	45	360	LB2	242	175	175	0	1	B13/B4
550 056 042	50	420	LB2	242	175	175	0	1	B13/B4
550 103 042	50	420	L2	242	175	190	0	1	B13
555 019 048	55	480	LB2	242	175	175	0	1	B13/B4
555 059 048	55	480	L2	242	175	190	0	1	B13
560 077 054	60	540	LB2	242	175	175	0	1	B13/B4
560 078 054	60	540	L2	242	175	190	0	1	B13
563 018 052	63	520	LB3	278	175	175	0	1	B13/B4
566 013 058	66	580	LB3	278	175	175	0	1	B13/B4
566 048 058	66	580	L3	278	175	190	0	1	B13
570 014 064	70	640	LB3	278	175	175	0	1	B13/B4
570 083 064	70	640	L3	278	175	190	0	1	B13
575 046 068	75	680	LB3	278	175	175	0	1	B13/B4
575 012 068	75	680	L3	278	175	190	0	1	B13
580 045 072	80	720	LB4	310	175	175	0	1	B13/B4
585 102 070	85	700	L5	353	175	190	0	1	B13
588 120 075	88	750	LB5	353	175	175	0	1	B13/B4
588 027 075	88	750	L5	353	175	190	0	1	B13
595 021 080	95	800	LB5	353	175	175	0	1	B13/B4
595 038 080	95	800	L5	353	175	190	0	1	B13
600 044 084	100	840	L5	353	175	190	0	1	B13

HEAVY-DUTY VEHICLES BATTERY RANGE

GERMAGEN AGM SERIES START/STOP

Germagen HD AGM series provides superb performance, suitable for the most demanding modern commercial and heavy-duty vehicles and their electrical systems. AGM offers much improved vibration resistance, endurance, very high reliability and safety



VALUE FOR CUSTOMER	EQUIPMENT LEVEL	VIBRATION RESISTANCE	CYCLING CAPABILITY	CCA CAPABILITY	WATER CONSUMPTION
★★★★★	★★★★★	★★★	★★★★★	★★★★★	EXTREMELY LOW

GERMAGEN EFB+C SERIES START/STOP

Germagen HD EFB+C series is perfectly suited for heavy vehicles which require deep-cycling characteristics. Our technology offers improved casted plates fixed with hot melt resin as well as added polyester scrim and glass fleece to the plates. These result in an excellent vibration resistance and cyclability.



VALUE FOR CUSTOMER	EQUIPMENT LEVEL	VIBRATION RESISTANCE	CYCLING CAPABILITY	CCA CAPABILITY	WATER CONSUMPTION
★★★★★	★★★★★	★★★	★★★★★	★★★★★	VERY LOW

GERMAGEN SHD SERIES



Germagen SHD series provides excellent power for heavy-duty vehicles with increased cycling requirements thanks to the added glass mat separator. The range provides low rate of self discharge, excellent endurance, reliability and service life.

VALUE FOR CUSTOMER	EQUIPMENT LEVEL	VIBRATION RESISTANCE	CYCLING CAPABILITY	CCA CAPABILITY	WATER CONSUMPTION
★★★★	★★★★	★★	★★★★	★★★★	LOW

GERMAGEN SMF SERIES



Germagen HD SMF series offers great power and endurance for heavy duty vehicles with advanced electrical equipment and power requirements. Our design provides superior starting power, reliability and excellent level of endurance.

VALUE FOR CUSTOMER	EQUIPMENT LEVEL	VIBRATION RESISTANCE	CYCLING CAPABILITY	CCA CAPABILITY	WATER CONSUMPTION
★★★★	★★★★	★★	★★★★	★★★★	VERY LOW

GERMAGEN HD SERIES



Germagen HD series is a complete range for vans, agricultural vehicles, tractors, HGVs, coaches and buses. Suitable for heavy vehicles with standard electrical requirements with a wide range of available specifications. The series offer great endurance and reliability.

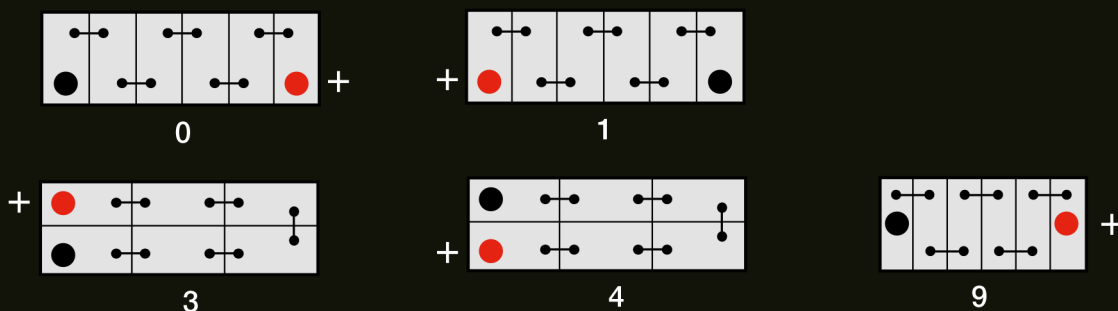
VALUE FOR CUSTOMER	EQUIPMENT LEVEL	VIBRATION RESISTANCE	CYCLING CAPABILITY	CCA CAPABILITY	WATER CONSUMPTION
★★	★★	★★	★★	★★★★	LOW

HEAVY DUTY VEHICLES

Battery Type	Performance		Box	Dimensions, mm			Technical Characteristics		
	Capacity, Ah	CCA, A		L	W	H	Layout	Terminals	Hold Down
GERMAGEN AGM HD SERIES									
670 901 110	170	1100	B	513	223	223	3	1	B0
720 901 140	220	1400	C	514	274	242	3	1	B0
720 902 140	220	1400	C	514	274	242	4	1	B0
GERMAGEN EFB+C HD SERIES									
685 002 110	185	1100	B	513	223	223	3	1	B0
735 002 125	235	1250	C	514	274	242	3	1	B0
735 003 125	235	1250	C	514	274	242	4	1	B0
GERMAGEN SHD SERIES									
640 020 085	140	850	A	513	189	220	3	1	B0
655 011 090	155	900	A	513	189	220	3	1	B0
670 043 100	170	1000	B	513	223	223	3	1	B0
680 032 110	180	1100	B	513	223	223	3	1	B0
700 106 115	200	1150	B	513	223	223	3	1	B0
700 027 115	200	1150	C	514	276	242	3	1	B0
730 011 125	230	1250	C	514	276	242	3	1	B0
GERMAGEN SMF SERIES									
600 102 070 SMF	100	700	GR31	336	173	235	9	1	B0
605 102 075 SMF	105	750	GR31	336	173	235	9	1	B0
610 102 080 SMF	110	800	GR31	336	173	235	9	1	B0
620 102 085 SMF	120	850	GR31	336	173	235	9	1	B0
620 103 085 SMF	120	850	GR31	336	173	235	9	8	B0
625 045 080 SMF	125	800	A	513	189	220	3	1	B0
640 020 090 SMF	140	900	A	513	189	220	3	1	B0
655 011 095 SMF	155	950	A	513	189	220	3	1	B0
655 013 095 SMF	155	950	B	513	223	223	3	1	B0
670 043 105 SMF	170	1050	B	513	223	223	3	1	B0
680 032 115 SMF	180	1150	B	513	223	223	3	1	B0
700 106 120 SMF	200	1200	B	513	223	223	3	1	B0
700 027 120 SMF	200	1200	C	514	276	242	3	1	B0
730 011 130 SMF	230	1300	C	514	276	242	3	1	B0
GERMAGEN HD SERIES									
600 026 070	100	700	E41/N100	413	175	223	0	1	B0
600 035 070	100	700	E41/N100	413	175	223	1	1	B0
605 028 070	105	700	Compact L	345	175	230	0	1	B0/B1
605 027 070	105	700	Compact L	345	175	230	1	1	B0/B1
610 047 075	110	750	Compact L	345	175	230	0	1	B0/B1
610 048 075	110	750	Compact L	345	175	230	1	1	B0/B1
620 028 080	120	800	Compact L	345	175	230	0	1	B0/B1
620 027 080	120	800	Compact L	345	175	230	1	1	B0/B1
630 012 084	130	840	Compact H	345	175	285	0	1	B0
630 014 084	130	840	Compact H	345	175	285	1	1	B0
610 040 070	110	700	MAC 110	514	175	210	3	1	B3
625 087 080	125	800	MAC 110	514	175	210	3	1	B3
635 039 090	135	900	MAC 110	514	175	210	3	1	B3
625 045 080	125	800	A	513	189	220	3	1	B0
640 020 090	140	900	A	513	189	220	3	1	B0
630 013 080	130	800	MAC 143	514	218	210	3	1	B0
655 104 095	155	950	MAC 143	514	218	210	3	1	B3
670 034 105	170	1050	MAC 143	514	218	210	3	1	B3
643 017 090	143	900	B	513	223	223	3	1	B0
655 013 095	155	950	B	513	223	223	3	1	B0
670 043 105	170	1050	B	513	223	223	3	1	B0
680 032 115	180	1150	B	513	223	223	3	1	B0
700 027 120	200	1200	C	514	276	242	3	1	B0
730 011 130	230	1300	C	514	276	242	3	1	B0

Cell Assembly Layout

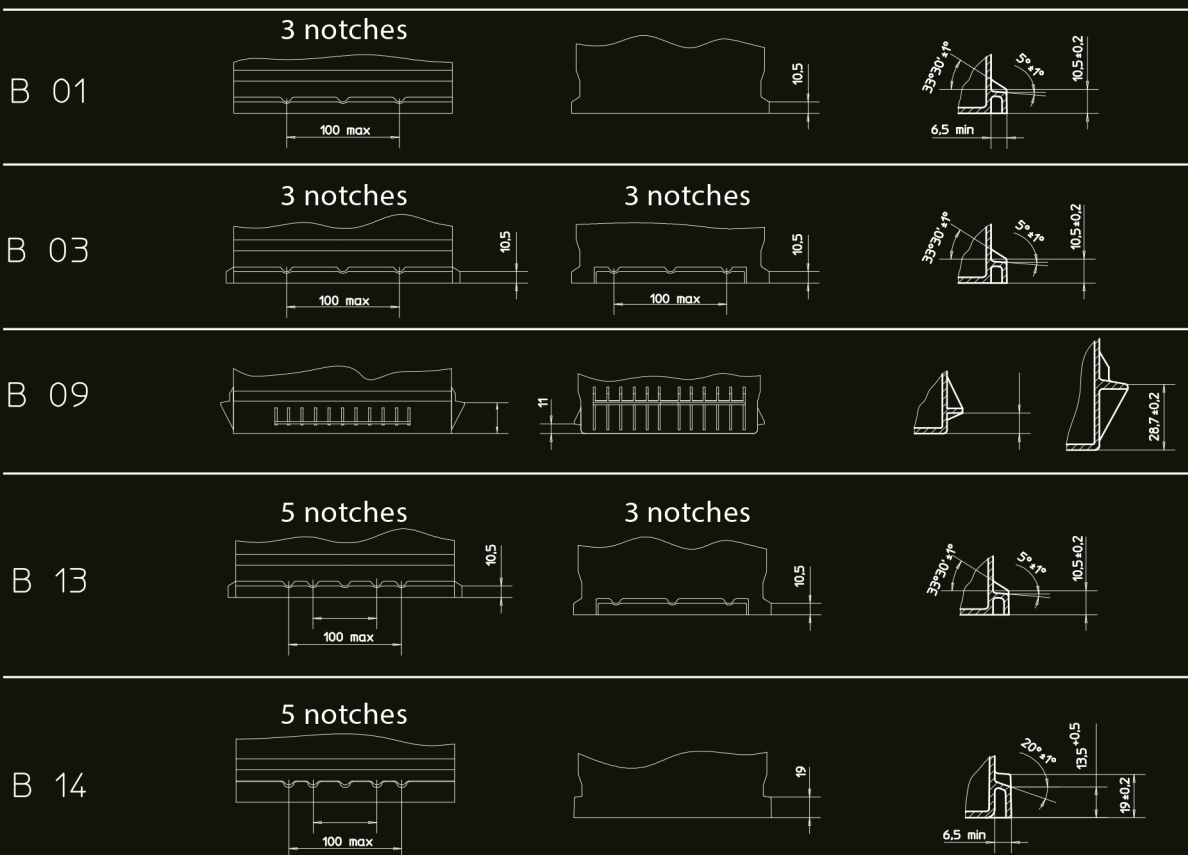
12 Volt



Hold Down

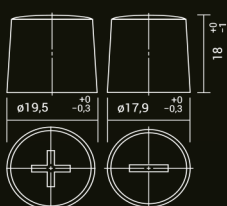
B 00

without hold down

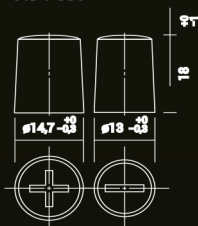


Type of Terminals

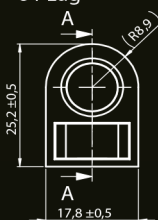
Terminal 1
DIN Post



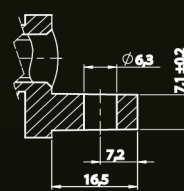
Terminal 3
JIS Post



Terminal 4
U1 Lug



Terminal 8
Threaded Post

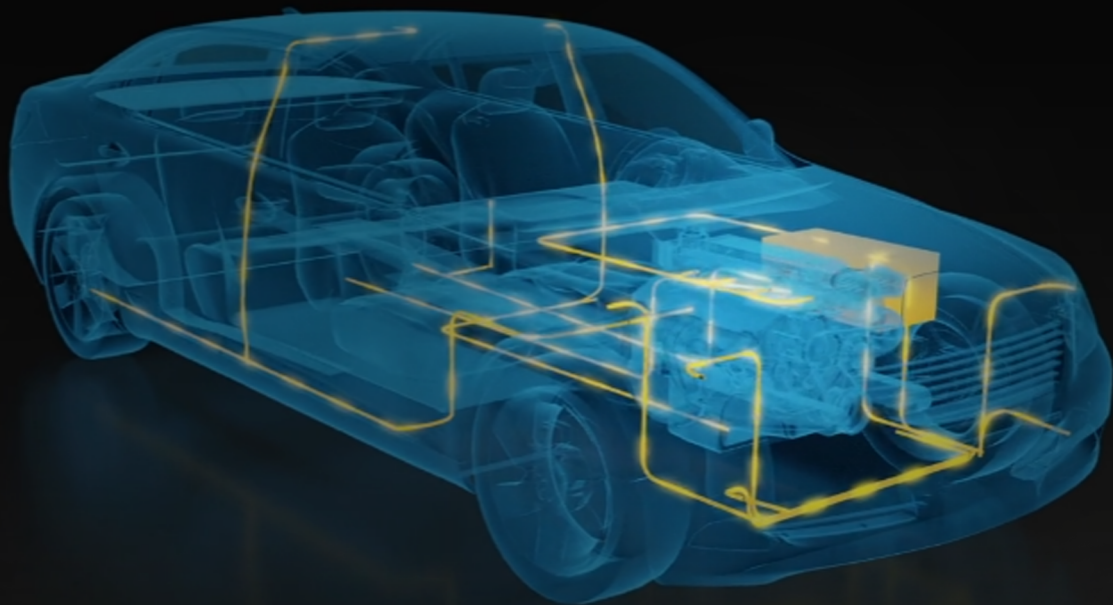




RECYCLE WITH



GERMAGEN[®]
FROM GERMANY



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From Germany 2024



ISO 9001
ISO 14001
ISO 45001
IATF 16949



Intertek



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