



CATALOGUE

STARTER BATTERIES



DYNAMIC HIGH QUALITY BATTERIES FOR THE WHOLE RANGE OF PASSENGER, COMMERCIAL AND GOODS VEHICLES.

- Hybrid Sb/Ca technology
- Lower water consumption
- Usage of pocket type separators ensuring prolongation of the battery's life, improvement of electrical and chemical parameters, and, the most important, cranking power increase
- Low self-discharge

MAINTENANCE FREE APPROPRIATE IN PARTICULAR FOR CARS WITH DIESEL ENGINES, AND CARS EXPLOITED IN CONDITIONS WITH TEMPERATURES UNDER ZERO

- Increased start-up power
- Stable during exploitation
- Possibility for high loading at multiple starting-up.
- Charge indicator

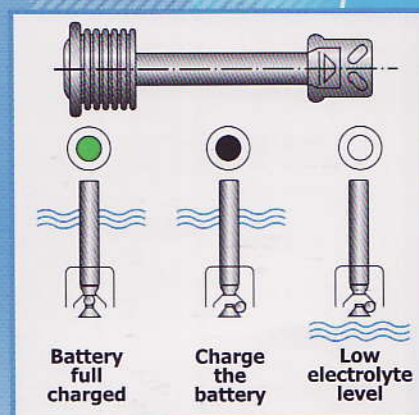
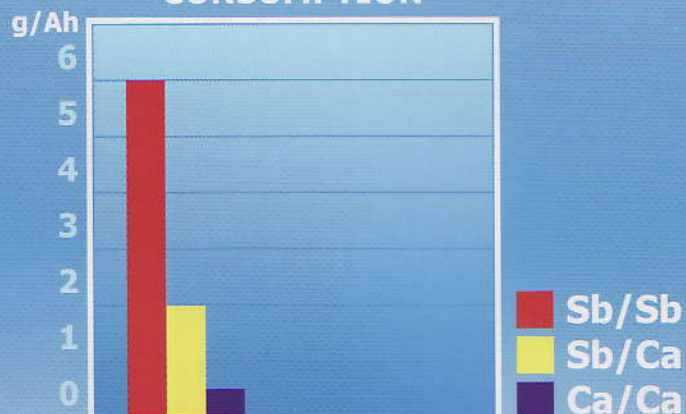
PREMIUM OPTIMAL FOR RELIABLE AND POWERFUL SOURCE OF ENERGY

- Ca/Ca technology
- + 30% start power
- Minimum water consumption
- Environment friendly materials
- Absolutely maintenance free

HEAVY DUTY BATTERIES ARE THE HIGHEST QUALITY PRODUCTS FOR A WIDE RANGE OF TRUCKS AND AGRICULTURAL MACHINES. THE BATTERIES ARE ESPECIALLY OFFERED TO CLIENTS WHOSE AUTOMOTIVE WORK IN EXTREME CONDITIONS AND DRIVE ON BAD QUALITY ROADS

- High resistance to vibration
- Additional cell support
- Glass mat separator
- High start power at temperatures under zero

WATER CONSUMPTION





12V STARTER BATTERIES DYNAMIC

CORRESPOND TO	NOMINAL CAPACITY C ₂₀	DISCHARGE CURRENT AT -18°C	OVERALL DIMENSIONS	WEIGHT	CELL LAYOUT	TERMINAL POSTS	COVER	BASE HOLD DOWN
TYPE ETN	Ah	U _{10s7.5V} A	L W H mm	kg				
544 065 039	44	390	207 175 175	12,00	0	1	K	B3/B4
544 066 039	44	390	207 175 175	12,00	1	1	K	B3/B4
544 059 039	44	390	207 175 190	12,40	0	1	K	B3
544 064 039	44	390	207 175 190	12,40	1	1	K	B3
555 066 048	55	480	242 175 175	13,90	0	1	K	B3/B4
555 063 048	55	480	242 175 175	13,90	1	1	K	B3/B4
555 059 048	55	480	242 175 190	14,40	0	1	K	B3
555 065 048	55	480	242 175 190	14,40	1	1	K	B3
562 066 051	62	510	242 175 175	14,60	0	1	K	B3/B4
562 063 051	62	510	242 175 175	14,60	1	1	K	B3/B4
562 019 051	62	510	242 175 190	15,10	0	1	K	B3
562 021 051	62	510	242 175 190	15,10	1	1	K	B3
566 018 057	66	570	278 175 175	16,40	0	1	K	B3/B4
566 045 057	66	570	278 175 175	16,40	1	1	K	B3/B4
566 038 057	66	570	278 175 190	17,10	0	1	K	B3
566 033 057	66	570	278 175 190	17,10	1	1	K	B3
575 046 068	75	680	278 175 175	17,60	0	1	K	B3/B4
575 049 068	75	680	278 175 175	17,60	1	1	K	B3/B4
575 012 068	75	680	278 175 190	18,30	0	1	K	B3
575 013 068	75	680	278 175 190	18,30	1	1	K	B3
580 108 072	80	720	310 175 175	19,60	0	1	K	B3/B4
580 045 072	80	720	310 175 190	20,40	0	1	K	B3
580 041 072	80	720	310 175 190	20,40	1	1	K	B3



MONBAT®
THE SOURCE OF POWER®

12V STARTER BATTERIES DYNAMIC

CORRESPOND TO	NOMINAL CAPACITY C ₂₀	DISCHARGE CURRENT AT -18°C	OVERALL DIMENSIONS	WEIGHT	CELL LAYOUT	TERMINAL POSTS	COVER	BASE HOLD DOWN
TYPE ETN	Ah	U _{10s7.5V} A	L W H mm	kg				
588 015 074	88	740	353 175 175	21,20	0	1	K	B3/B4
588 115 074	88	740	353 175 175	21,20	1	1	K	B3/B4
588 038 074	88	740	353 175 190	22,10	0	1	K	B3
588 021 074	88	740	353 175 190	22,10	1	1	K	B3
590 047 064	90	640	345 175 230	24,60	0	1	F	B0
590 048 064	90	640	345 175 230	24,60	1	1	F	B0
595 015 078	95	780	353 175 175	21,90	0	1	K	B3
595 038 078	95	780	353 175 190	22,80	0	1	K	B3
605 028 075	105	750	345 175 230	26,10	0	1	F	B0
605 027 075	105	750	345 175 230	26,10	1	1	F	B0
610 040 076	110	760	514 175 210	29,90	3	1	K,F	B3
620 048 082	120	820	345 175 230	27,70	0	1	F	B0
625 045 090	125	900	513 189 220	33,00	3	1	F	B0
628 012 070	128	700	345 175 285	35,20	0	1	F	B0
628 014 070	128	700	345 175 285	35,20	1	1	F	B0
630 013 090	130	900	514 218 210	33,20	3	1	F	B0
635 043 095	135	950	514 175 210	33,00	3	1	K,F	B3
640 020 095	140	950	513 189 220	36,10	3	1	F	B0
643 033 095	143	950	514 218 210	40,20	3	1	K,F	B3
654 011 100	154	1000	513 189 220	37,80	3	1	F	B0
655 012 100	155	1000	514 218 230	41,70	3	1	F	B3
665 014 110	165	1100	513 223 223	43,00	3	1	F	B0
670 023 110	170	1100	514 218 230	43,20	3	1	F	B3
680 032 120	180	1200	513 223 223	44,50	3	1	F	B0
710 014 130	210	1300	518 276 242	55,50	3	1	F	B0
730 012 140	230	1400	518 276 242	57,00	3	1	F	B0



12V STARTER BATTERIES

MAINTENANCE FREE

CORRESPOND TO	NOMINAL CAPACITY C ₂₀	DISCHARGE CURRENT AT -18°C	OVERALL DIMENSIONS	WEIGHT	CELL LAYOUT	TERMINAL POSTS	BASE HOLD DOWN
TYPE ETN	Ah	U _{10S} 7.5V A	L W H mm	kg			
550 017 045	50	450	207 175 175	12,70	0	1	B3/B4
550 059 045	50	450	207 175 190	13,10	0	1	B3
555 066 050	55	500	242 175 175	14,60	0	1	B3/B4
555 059 050	55	500	242 175 190	15,10	0	1	B3
565 105 056	65	560	242 175 175	15,20	0	1	B3/B4
565 019 056	65	560	242 175 190	15,70	0	1	B3
566 030 060	66	600	278 175 175	16,40	0	1	B3/B4
566 038 060	66	600	278 175 190	17,10	0	1	B3
575 110 072	75	720	278 175 175	18,30	0	1	B3/B4
575 040 072	75	720	278 175 190	19,00	0	1	B3
600 120 082	100	820	353 175 175	22,50	0	1	B3/B4
600 044 082	100	820	353 175 190	23,40	0	1	B3



12V STARTER BATTERIES
PREMIUM

CORRESPOND TO	NOMINAL CAPACITY C ₂₀	DISCHARGE CURRENT AT -18°C	OVERALL DIMENSIONS	WEIGHT	CELL LAYOUT	TERMINAL POSTS	BASE HOLD DOWN
TYPE ETN	Ah	U _{10S} 7.5V A	L W H mm	kg			
550 103 048	50	480	207 175 175	12,80	0	1	B3/B4
550 017 048	50	480	207 175 190	13,20	0	1	B3
565 108 058	65	580	242 175 175	15,30	0	1	B3/B4
565 112 058	65	580	242 175 190	15,80	0	1	B3
575 121 073	75	730	278 175 175	18,40	0	1	B3/B4
575 112 073	75	730	278 175 190	19,10	0	1	B3
580 122 075	80	750	353 175 175	19,90	0	1	B3/B4
580 111 075	80	750	353 175 190	20,60	0	1	B3
600 130 085	100	850	353 175 175	22,60	0	1	B3/B4
600 048 085	100	850	353 175 190	23,50	0	1	B3



12V STARTER BATTERIES

HEAVY DUTY

WITH GLASS MAT SEPARATOR

CORRESPOND TO	NOMINAL CAPACITY C ₂₀	DISCHARGE CURRENT AT -18°C	OVERALL DIMENSIONS	WEIGHT	CELL LAYOUT	TERMINAL POSTS	COVER	BASE HOLD DOWN
TYPE ETN	Ah	U _{10s} 7.5V A	L W H mm	kg				
610 041 078	110	780	514 175 210	30,70	3	1	K	B3
635 052 100	135	1000	514 175 210	33,80	3	1	K	B3
640 020 100	140	1000	513 189 220	36,90	3	1	F	B0
643 033 100	143	1000	514 218 210	41,00	3	1	K	B3
654 011 105	154	1050	513 189 220	38,60	3	1	F	B0
665 014 115	165	1150	513 223 223	43,80	3	1	F	B0
670 023 115	170	1150	514 218 230	44,00	3	1	K	B3
680 032 125	180	1250	513 223 223	45,30	3	1	F	B0
710 014 135	210	1350	518 276 242	56,30	3	1	K,F	B0
730 012 145	230	1450	518 276 242	57,80	3	1	K,F	B0



12V STARTER BATTERIES JIS

CORRESPOND TO	NOMINAL CAPACITY C ₂₀	EN	OVERALL DIMENSIONS	WEIGHT	CELL LAYOUT	TERMINAL POSTS	COVER	BASE HOLD DOWN
TYPE ETN	Ah	A	L W H mm	kg				
535 020 030	35	300	197 126 225	10,80	0	3	F	B0
535 022 030	35	300	197 126 225	10,80	1	3	F	B0
545 077 036	45	360	219 135 225	12,70	0	1	F	B1
545 079 036	45	360	219 135 225	12,70	1	1	F	B1
560 068 048	60	480	230 170 225	17,10	0	1	F	B0
560 069 048	60	480	230 170 225	17,10	1	1	F	B0
570 029 057	70	570	270 175 225	19,40	0	1	F,S/D	B19
570 024 057	70	570	270 175 225	19,40	1	1	F,S/D	B19
600 026 068	100	680	413 175 220	27,80	1	1	F	B0
600 032 068	100	680	308 175 223	24,30	0	1	F	B1
600 033 068	100	680	308 175 223	24,30	1	1	F	B1
610 047 072	110	720	344 175 223	27,30	0	1	F	B3
610 048 072	110	720	344 175 223	27,30	1	1	F	B3



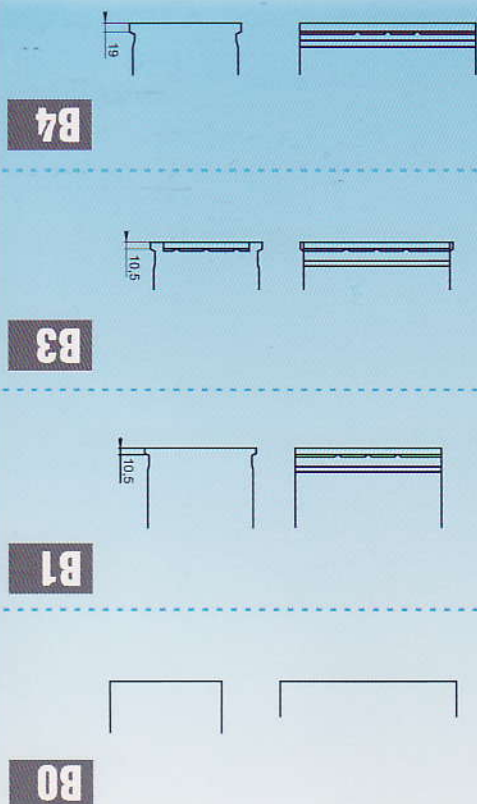
SPECIAL BATTERY

FOR NATO DESIGN TANKS AND ARMoured VEHICLE

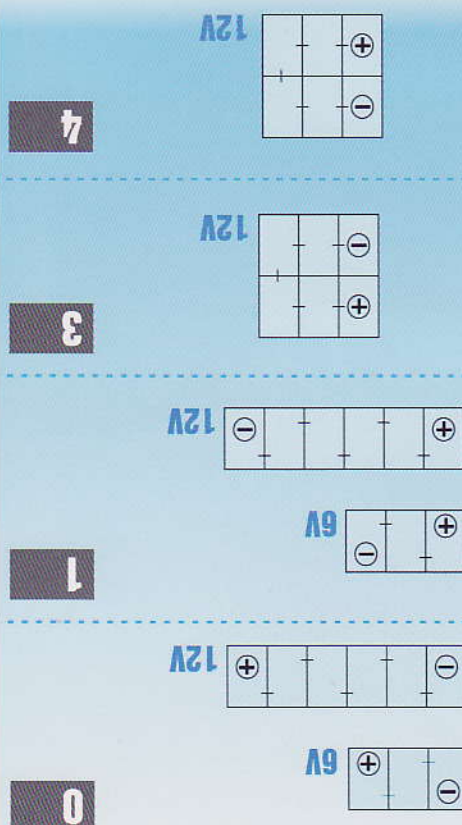
	110 NA	125 NA
Nominal Voltage	12 V	12 V
Nominal Capacity C_{20} at +25°C	110 Ah	125 Ah
Temperature	Discharge current 330A	Discharge current 375A
+25°C	420 s to U_f - 6 V	420 s to U_f - 6 V
-40°C	120 s to U_f - 6 V	120 s to U_f - 6 V
Reserve Capacity 25A to 10,5V at 20°C	200 min	235 min
Weight with Electrolyte	32,5 kg	34 kg
Dimensions	286/260/226 mm	286/260/226 mm
Operational temperature range:	from - 40°C to + 60°C	from - 40°C to + 60°C

Available in polypropylene
or flame retardant container/lid.

BASE HOLDDOWN



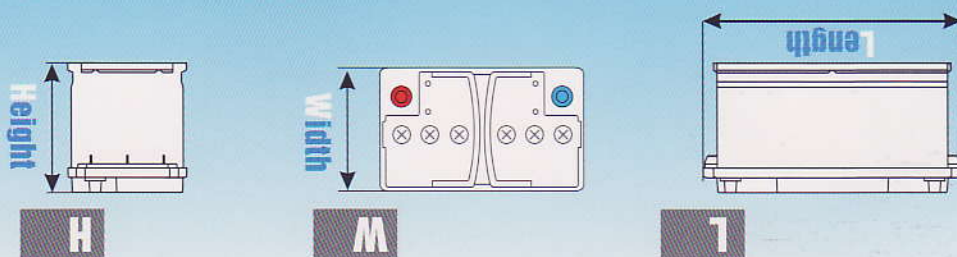
CONNECTION TYPE



COVER



OVERALL DIMENSIONS





THE SOURCE OF POWER®

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