CROM®

AUTOMOTIVE – COMMERCIAL

MAXIMUM PERFORMANCE AND LONG CYCLE LIFE

CROM

SFB
Superior Flooded Battery
technology

Superior Flooded Battery Technology

Crom SFB type batteries are flooded type batteries featuring SLI technology, which are suitable for use in cars of all classes and light commercial vehicles. They meet the starter need of the vehicle and supply necessary energy when the engine is not running.

Crom batteries meet high starter current needs of the vehicles in extreme climate conditions. They feature enhanced performance and have a long service life.

Superior Technical Features

Up to 25% higher performance than standard batteries

Higher performance under extreme climate conditions compared to standard batteries

Patented calcium (Ca) alloy grid technology

Sealed maintenance free safe lid technology

Advanced active material exclusively formulated for SFB technology

More vibration resistant compared to standard batteries

Start-Stop

Start-Stop technology that is designed to reduce fuel consumption and carbon dioxide emissions of vehicles, leads to an increase in the electrical needs of the vehicles. In these systems, batteries with high cycle life and high charging capacity are required to be used. Crom Battery's product range offers EFB and AGM technologies with different types of batteries suitable for Start-Stop system.

START
STOP

Enhanced Flooded Battery Technology

EFB batteries are flooded type batteries developed for use in vehicles with Start-Stop technology. Thanks to their reinforced internal structure, they have 2 times longer cycle life and high charging characteristics compared to standard flooded type batteries. Crom Battery EFB product line includes batteries suitable for European and Japanese vehicle models with different types and capacity values.

Superior Technical Features

Up to 2 times longer cycle life

Innovative products for START-STOP vehicles supporting reduced carbon dioxide emission

Quick charge acceptance for START-STOP technology

Up to 30% higher performance than standard batteries

Higher performance under extreme climate conditions compared to standard batteries

Patented calcium (Ca) alloy grid technology

Sealed maintenance free safe lid technology

Advanced active material exclusively designed for micro-hybrid START-STOP technology

More vibration resistant compared to standard batteries

Absorbent Glass Mat Technology

AGM batteries are VRLA type batteries, which are suitable for use in vehicles featuring advanced Start-Stop technology with regenerative braking feature. Thanks to the special internal structure design of AGM batteries and the VRLA technology, they have 3 times longer cycle life and high charging characteristics compared to flooded type batteries. Crom Battery AGM product line includes batteries suitable for different types of vehicles and energy needs.

Superior Technical Features

Up to 3 times longer cycle life

Innovative products for START-STOP vehicles supporting reduced carbon dioxide emission

Quick charge acceptance for START-STOP technology

Up to 40% higher performance than standard batteries

Higher performance under extreme climate conditions compared to standard batteries

Patented calcium (Ca) alloy grid technology

Exclusively designed valve system with pressure control (VRLA) and maintenance-free product technology

Advanced active material exclusively designed for AGM START-STOP technology

More vibration resistant compared to standard batteries

MF - Heavy and Super Heavy Duty Type Batteries

Crom MF batteries are developed to meet the energy needs of commercial vehicles and manufactured with SLI technology. They can be used in extreme climate and working conditions thanks to its high vibration resistance. They are maintenance-free with calcium(Ca) alloy grid structures and do not require extra maintenance service under suitable conditions. They are classified as Heavy Duty and Super Heavy Duty Type Batteries considering product performance and cycle life.

Superior Technical Features

Maintenance-free product technology

Shelf life up to 15 months under suitable conditions

Advanced patented calcium (Ca) alloy grid technology exclusively designed for SFB Series 1 heavy and super heavy duty batteries

Higher performance under extreme climate conditions compared to standard batteries

Meets V2 vibration resistance requirements according to EN 50342

Advanced active material exclusively formulated for SFB technology

SMF - Heavy Duty Type Batteries

Crom Heavy Duty Type Batteries are developed to meet the energy needs of the commercial vehicles and manufactured with SLI technology.

They can be used in extreme climate and working conditions thanks to its high vibration resistance. They are maintenance-free with calcium(Ca) alloy grid structures and do not require extra maintenance service under suitable conditions. They feature special lid technology offering high safety with central gas outlet system and flame arrestor.

Superior Technical Features

Maintenance-free product technology

Shelf life up to 18 months under suitable conditions

Advanced patented calcium (Ca) alloy grid technology exclusively designed for SFB Series 2 heavy duty commercial batteries

Higher performance under extreme climate conditions compared to standard batteries

Meets V2 vibration resistance requirements according to EN 50342

Advanced active material designed for SFB Series 2 heavy duty commercial batteries

SMF - Super Heavy Duty Type Batteries

Crom Super Heavy Duty Type Batteries are developed to meet the energy needs of the commercial vehicles and manufactured with SLI technology.

They can be used in extreme climate and working conditions thanks to its high vibration resistance. They are maintenance-free with calcium (Ca) alloy grid structures and do not require extra maintenance service under suitable conditions. These are long lasting batteries featuring special lid technology offering high safety with central gas outlet system and flame arrestors.

Superior Technical Features

Maintenance-free product technology

Shelf life up to 18 months under suitable conditions

Advanced patented calcium (Ca) alloy grid technology exclusively designed for SFB Series 3 heavy and super heavy duty batteries

Higher performance under extreme climate conditions compared to standard batteries

Meets V3 vibration resistance requirements according to EN 50342

Advanced active material designed for SFB Series 3 super heavy duty commercial batteries

Taxi Batteries

Crom SFB Taxi Batteries are flooded type batteries featuring SLI technology, which are suitable for use in commercial taxies. They meet the starter need of the vehicle and supply necessary energy when the engine is not running. These types of batteries are designed with a high cycle life as they are used more often than standard batteries.

Superior Technical Features

Up to 2 times longer cycle life than standard batteries

Up to 25% higher performance than standard batteries

Higher performance under extreme climate conditions compared to standard batteries

Patented calcium (Ca) alloy grid technology

More vibration resistant compared to standard batteries

Maintenance-free product technology

Advanced active material exclusively formulated for SFB technology

TAXI

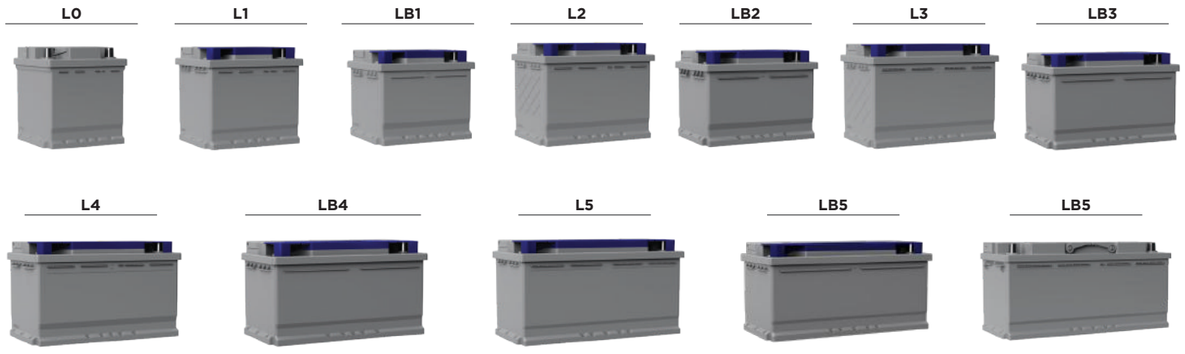
SFB - EUROPEAN (DIN) TYPE STARTER BATTERIES

Box	Mutlu Code	Part Number	Capacity at 20 Hr Rate (Ah)	CCA EN (A)	CCA SAE (A)	Layout	Terminal	Hold Down	Lenght (mm)	Width (mm)	Height Except Terminal (mm)	Height (mm)	Weight With Acid (kg)
L0	L0.36.030.A	SMF 53618	36	300	320	0	1	B13	175	175	190	190	10.0
	L0.40.034.A	SMF 54018	40	340	360	0	1	B13	175	175	190	190	10.5
	L0.44.040.A	SMF 54418	44	400	430	0	1	B13	175	175	190	190	11.0
L1	L1.40.033.A	SMF 54059	40	330	350	0	1	B13	207	175	190	190	11.5
	L1.40.033.B	SMF 54064	40	330	350	1	1	B13	207	175	190	190	11.5
	L1.44.030.A	SMF 54060	44	300	320	0	1	B13	207	175	190	190	11.4
	L1.44.030.B	SMF 54061	44	300	320	1	1	B13	207	175	190	190	11.4
	L1.44.036.A	SMF 54459	44	360	400	0	1	B13	207	175	190	190	11.7
	L1.44.036.B	SMF 54464	44	360	400	1	1	B13	207	175	190	190	11.7
	L1.50.042.A	SMF 55054	50	420	450	0	1	B13	207	175	190	190	12.8
	L1.50.042.B	SMF 55055	50	420	450	1	1	B13	207	175	190	190	12.8
	L1.55.054.A	SMF 55540	55	540	600	0	1	B13	207	175	190	190	13.3
	L1.55.054.B	SMF 55541	55	540	600	1	1	B13	207	175	190	190	13.3
LB1	LB1.40.033.A	SMF 54016	40	330	350	0	1	B13	207	175	175	175	11.0
	LB1.40.033.B	SMF 54017	40	330	350	1	1	B13	207	175	175	175	11.0
	LB1.44.036.A	SMF 54416	44	360	400	0	1	B13	207	175	175	175	11.4
	LB1.44.036.B	SMF 54417	44	360	400	1	1	B13	207	175	175	175	11.4
	LB1.50.042.A	SMF 55016	50	420	450	0	1	B13	207	175	175	175	12.3
	LB1.50.042.B	SMF 55017	50	420	450	1	1	B13	207	175	175	175	12.3
	LB1.55.054.A	SMF 55516	55	540	600	0	1	B13	207	175	175	175	13.0
	LB1.55.054.B	SMF 55517	55	540	600	1	1	B13	207	175	175	175	13.0
L2	L2.55.045.A	SMF 55559	55	450	480	0	1	B13	242	175	190	190	14.3
	L2.55.045.B	SMF 55565	55	450	480	1	1	B13	242	175	190	190	14.3
	L2.60.048.A	SMF 56026	60	480	500	0	1	B13	242	175	190	190	14.5
	L2.60.048.B	SMF 56027	60	480	500	1	1	B13	242	175	190	190	14.5
	L2.60.051.A	SMF 56019	60	510	540	0	1	B13	242	175	190	190	14.6
	L2.60.051.B	SMF 56017	60	510	540	1	1	B13	242	175	190	190	14.6
	L2.60.054.A	SMF 56081	60	540	600	0	1	B13	242	175	190	190	14.9
	L2.60.054.B	SMF 56082	60	540	600	1	1	B13	242	175	190	190	14.9
	L2.60.061.A	SMF 56083	60	610	650	0	1	B13	242	175	190	190	15.5
	L2.60.061.B	SMF 56084	60	610	650	1	1	B13	242	175	190	190	15.5
	L2.63.064.A	SMF 56319	63	640	680	0	1	B13	242	175	190	190	15.8
	L2.63.064.B	SMF 56317	63	640	680	1	1	B13	242	175	190	190	15.8
LB2	LB2.55.045.A	SMF 55560	55	450	480	0	1	B13	242	175	175	175	13.7
	LB2.55.045.B	SMF 55564	55	450	480	1	1	B13	242	175	175	175	13.7
	LB2.60.048.A	SMF 56048	60	480	500	0	1	B13	242	175	175	175	14.0
	LB2.60.048.B	SMF 56049	60	480	500	1	1	B13	242	175	175	175	14.0
	LB2.60.051.A	SMF 56077	60	510	540	0	1	B13	242	175	175	175	14.1
	LB2.60.051.B	SMF 56064	60	510	540	1	1	B13	242	175	175	175	14.1
	LB2.60.054.A	SMF 56054	60	540	600	0	1	B13	242	175	175	175	14.5
	LB2.60.054.B	SMF 56055	60	540	600	1	1	B13	242	175	175	175	14.5
	LB2.63.064.A	SMF 56360	63	640	680	0	1	B13	242	175	175	175	15.5
	LB2.63.064.B	SMF 56361	63	640	680	1	1	B13	242	175	175	175	15.5
L3	L3.66.056.A	SMF 56638	66	560	600	0	1	B13	278	175	190	190	16.8
	L3.66.056.B	SMF 56640	66	560	600	1	1	B13	278	175	190	190	16.8
	L3.70.058.A	SMF 57058	70	580	620	0	1	B13	278	175	190	190	17.3
	L3.70.058.B	SMF 57059	70	580	620	1	1	B13	278	175	190	190	17.3
	L3.72.058.A	SMF 57258	72	580	620	0	1	B13	278	175	190	190	17.3
	L3.72.058.B	SMF 57259	72	580	620	1	1	B13	278	175	190	190	17.3
	L3.72.064.A	SMF 57220	72	640	700	0	1	B13	278	175	190	190	17.7
	L3.72.064.B	SMF 57219	72	640	700	1	1	B13	278	175	190	190	17.7
	L3.72.064.C	SMF 57264	72	640	700	0	1	B01	278	175	190	190	17.7
	L3.75.072.A	SMF 57512	75	720	750	0	1	B13	278	175	190	190	18.2
	L3.75.072.B	SMF 57513	75	720	750	1	1	B13	278	175	190	190	18.2
	L3.78.078.A	SMF 57812	78	780	830	0	1	B13	278	175	190	190	18.8
	L3.78.078.B	SMF 57813	78	780	830	1	1	B13	278	175	190	190	18.8

AUTOMOTIVE

SFB - EUROPEAN (DIN) TYPE STARTER BATTERIES

Box	Mutlu Code	Part Number	Capacity at 20 Hr Rate (Ah)	CCA EN (A)	CCA SAE (A)	Layout	Terminal	Hold Down	Lenght (mm)	Width (mm)	Height Except Terminal (mm)	Height (mm)	Weight With Acid (kg)
LB3	LB3.66.056.A	SMF 56618	66	560	600	0	1	B13	278	175	175	175	16.4
	LB3.66.056.B	SMF 56621	66	560	600	1	1	B13	278	175	175	175	16.4
	LB3.72.058.A	SMF 57260	72	580	620	0	1	B13	278	175	175	175	17.1
	LB3.72.058.B	SMF 57261	72	580	620	1	1	B13	278	175	175	175	17.1
	LB3.72.064.A	SMF 57213	72	640	700	0	1	B13	278	175	175	175	17.5
	LB3.72.064.B	SMF 57214	72	640	700	1	1	B13	278	175	175	175	17.5
	LB3.75.072.A	SMF 57572	75	720	750	0	1	B13	278	175	175	175	17.8
	LB3.75.072.B	SMF 57573	75	720	750	1	1	B13	278	175	175	175	17.8
	LB3.78.078.A	SMF 57820	78	780	830	0	1	B13	278	175	175	175	18.5
	LB3.78.078.B	SMF 57821	78	780	830	1	1	B13	278	175	175	175	18.5
L4	L4.80.062.A	SMF 58062	80	620	680	0	1	B13	315	175	190	190	19.0
	L4.80.062.B	SMF 58063	80	620	680	1	1	B13	315	175	190	190	19.0
	L4.80.074.A	SMF 58043	80	740	780	0	1	B13	315	175	190	190	20.0
	L4.80.074.B	SMF 58044	80	740	780	1	1	B13	315	175	190	190	20.0
	L4.90.085.A	SMF 59042	90	850	900	0	1	B13	315	175	190	190	21.5
	L4.90.085.B	SMF 59043	90	850	900	1	1	B13	315	175	190	190	21.5
LB4	LB4.80.062.A	SMF 58039	80	620	680	0	1	B13	315	175	175	175	18.5
	LB4.80.062.B	SMF 58040	80	620	680	1	1	B13	315	175	175	175	18.5
	LB4.80.074.A	SMF 58014	80	740	780	0	1	B13	315	175	175	175	19.4
	LB4.80.074.B	SMF 58015	80	740	780	1	1	B13	315	175	175	175	19.4
	LB4.85.080.A	SMF 58515	85	800	850	0	1	B13	315	175	175	175	20.0
	LB4.85.080.B	SMF 58516	85	800	850	1	1	B13	315	175	175	175	20.0
L5	L5.88.064.A	SMF 58838	88	640	700	0	1	B13	353	175	190	190	21.2
	L5.88.064.B	SMF 58839	88	640	700	1	1	B13	353	175	190	190	21.2
	L5.90.072.A	SMF 59018	90	720	750	0	1	B13	353	175	190	190	21.6
	L5.90.072.B	SMF 59019	90	720	750	1	1	B13	353	175	190	190	21.6
	L5.100.083.A	SMF 60044	100	830	880	0	1	B13	353	175	190	190	22.8
	L5.100.083.B	SMF 60045	100	830	880	1	1	B13	353	175	190	190	22.8
	L5.95.085.A	SMF 59518	95	850	900	0	1	B13	353	175	190	190	22.8
	L5.95.085.B	SMF 59519	95	850	900	1	1	B13	353	175	190	190	22.8
	L5.100.090.A	SMF 60056	100	900	950	0	1	B13	353	175	190	190	23.2
	L5.100.090.B	SMF 60057	100	900	950	1	1	B13	353	175	190	190	23.2
LB5	LB5.85.064.A	SMF 58527	85	640	700	0	1	B13	353	175	175	175	20.5
	LB5.85.064.B	SMF 58528	85	640	700	1	1	B13	353	175	175	175	20.5
	LB5.90.072.A	SMF 59015	90	720	750	0	1	B13	353	175	175	175	21.2
	LB5.90.072.B	SMF 59016	90	720	750	1	1	B13	353	175	175	175	21.2
	LB5.95.085.A	SMF 59515	95	850	900	0	1	B13	353	175	175	175	22.3
	LB5.95.085.B	SMF 59516	95	850	900	1	1	B13	353	175	175	175	22.3
L6	L6.110.085.A	SMF 61042	110	850	900	0	1	B13	394	175	190	190	25.0
	L6.110.092.A	SMF 61045	110	920	970	0	1	B13	394	175	190	190	26.2



SFB - JAPANESE (JIS) TYPE STARTER BATTERIES

Box	Crom Code	Part Number	Capacity at 20 Hr Rate (Ah)	CCA EN (A)	CCA SAE (A)	Layout	Terminal	Hold Down	Lenght (mm)	Width (mm)	Height Except Terminal (mm)	Height (mm)	Weight With Acid (kg)
B20 (NS40)	B20.35.024.G	SMF 36B20FL	35	240	260	0	3	B01	196	134	202	222	9.4
	B20.35.024.H	SMF 36B20FR	35	240	260	1	3	B01	196	134	202	222	9.4
	B20.35.028.G	SMF 40B20FL	35	280	300	0	3	B01	196	134	202	222	9.6
	B20.35.028.H	SMF 40B20FR	35	280	300	1	3	B01	196	134	202	222	9.6
	B20.40.033.G	SMF 42B20FL	40	330	350	0	3	B01	196	134	202	222	10.2
	B20.40.033.H	SMF 42B20FR	40	330	350	1	3	B01	196	134	202	222	10.2
	B20.42.035.E	SMF 46B20L	42	350	390	0	3	B00	196	134	202	222	10.3
	B20.42.035.F	SMF 46B20R	42	350	390	1	3	B00	196	134	202	222	10.3
	B20.42.035.G	SMF 46B20FL	42	350	390	0	3	B01	196	134	202	222	10.3
	B20.42.035.H	SMF 46B20FL	42	350	390	1	3	B01	196	134	202	222	10.3
B24 (NS60)	B24.45.030.A	SMF 46B24LS	45	300	320	0	1	B00	237	127	201	222	11.6
	B24.45.030.B	SMF 46B24RS	45	300	320	1	1	B00	237	127	201	222	11.6
	B24.45.030.E	SMF 46B24L	45	300	320	0	3	B00	237	127	201	222	11.6
	B24.45.030.F	SMF 46B24RS	45	300	320	1	3	B00	237	127	201	222	11.6
	B24.45.036.A	SMF 55B24LS	45	360	400	0	1	B00	237	127	201	222	12.1
	B24.45.036.B	SMF 55B24RS	45	360	400	1	1	B00	237	127	201	222	12.1
	B24.45.036.E	SMF 55B24L	45	360	400	0	3	B00	237	127	201	222	12.1
	B24.45.036.F	SMF 55B24R	45	360	400	1	3	B00	237	127	201	222	12.1
	B24.55.045.A	SMF 65B24LS	55	450	480	0	1	B00	237	127	201	222	13.2
	B24.55.045.B	SMF 65B24RS	55	450	480	1	1	B00	237	127	201	222	13.2
	B24.55.045.E	SMF 65B24L	55	450	480	0	3	B00	237	127	201	222	13.2
	B24.55.045.F	SMF 65B24R	55	450	480	1	3	B00	237	127	201	222	13.2
D20	D20.50.042.C	SMF 50D20FL	50	420	450	0	1	B13	203	175	183	202	12.0
	D20.50.042.D	SMF 50D20FR	50	420	450	1	1	B13	203	175	183	202	12.0
	D20.55.045.C	SMF 55D20FL	55	450	480	0	1	B13	203	175	183	202	12.6
	D20.55.045.D	SMF 55D20FR	55	450	480	1	1	B13	203	175	183	202	12.6
D23	D23.60.045.A	SMF 52D23L	60	450	480	0	1	B00	232	173	204	225	15.0
	D23.60.045.B	SMF 52D23R	60	450	480	1	1	B00	232	173	204	225	15.0
	D23.60.045.C	SMF 52D23FL	60	450	480	0	1	B01	232	173	204	225	15.0
	D23.60.045.D	SMF 52D23FR	60	450	480	1	1	B01	232	173	204	225	15.0
	D23.60.052.A	SMF 55D23L	60	520	550	0	1	B00	232	173	204	225	15.5
	D23.60.052.B	SMF 55D23R	60	520	550	1	1	B00	232	173	204	225	15.5
	D23.60.052.C	SMF 55D23FL	60	520	550	0	1	B01	232	173	204	225	15.5
	D23.60.052.D	SMF 55D23FR	60	520	550	1	1	B01	232	173	204	225	15.5
	D23.68.060.A	SMF 70D23L	68	600	650	0	1	B00	232	173	204	225	16.25
	D23.68.060.B	SMF 70D23R	68	600	650	1	1	B00	232	173	204	225	16.25
	D23.68.060.C	SMF 70D23FL	68	600	650	0	1	B01	232	173	204	225	16.25
	D23.68.060.D	SMF 70D23FR	68	600	650	1	1	B01	232	173	204	225	16.25

AUTOMOTIVE

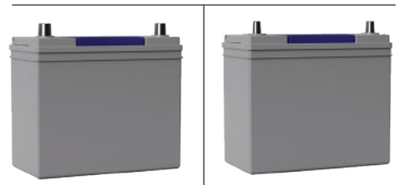
SFB - JAPANESE (JIS) TYPE STARTER BATTERIES

Box	Crom Code	Part Number	Capacity at 20 Hr Rate (Ah)	CCA EN (A)	CCA SAE (A)	Layout	Terminal	Hold Down	Lenght (mm)	Width (mm)	Height Except Terminal (mm)	Height (mm)	Weight With Acid (kg)
D26 (N50)	D26.70.054.A	SMF 75D26L	70	540	600	0	1	B00	260	173	204	225	17.0
	D26.70.054.B	SMF 75D26R	70	540	600	1	1	B00	260	173	204	225	17.0
	D26.70.054.C	SMF 75D26FL	70	540	600	0	1	B01	260	173	204	225	17.0
	D26.70.054.D	SMF 75D26FR	70	540	600	1	1	B01	260	173	204	225	17.0
	D26.70.063.A	SMF 80D26L	70	630	680	0	1	B00	260	173	204	225	17.4
	D26.70.063.B	SMF 80D26R	70	630	680	1	1	B00	260	173	204	225	17.4
	D26.70.063.C	SMF 80D26FL	70	630	680	0	1	B01	260	173	204	225	17.4
	D26.70.063.D	SMF 80D26FR	70	630	680	1	1	B01	260	173	204	225	17.4
D31 (N70)	D31.80.067.C	SMF 95D31FL	80	670	720	0	1	B01	306	175	202	224	20.5
	D31.80.067.D	SMF 95D31FR	80	670	720	1	1	B01	306	175	202	224	20.5
	D31.90.066.C	SMF 100D31FL	90	660	720	0	1	B01	306	175	202	224	22.0
	D31.90.066.D	SMF 100D31FR	90	660	720	1	1	B01	306	175	202	224	22.0
	D31.90.072.C	SMF 105D31FL	90	720	750	0	1	B01	306	175	202	224	22.4
	D31.90.072.D	SMF 105D31FR	90	720	750	1	1	B01	306	175	202	224	22.4
	D31.100.076.C	SMF 110D31FL	100	760	800	0	1	B01	306	175	202	224	23.5
	D31.100.076.D	SMF 110D31FR	100	760	800	1	1	B01	306	175	202	224	23.5

B20

Hold Down: B00 | Hold Down: B01

B24



Terminal: 1 | Terminal: 3

D20

D23

Hold Down: B00 | Hold Down: B01

D26

Hold Down: B00 | Hold Down: B01

D31

EFB - EUROPEAN (DIN) TYPE STARTER BATTERIES

Box	Crom Code	Part Number	Capacity at 20 Hr Rate (Ah)	CCA EN (A)	CCA SAE (A)	Layout	Terminal	Hold Down	Lenght (mm)	Width (mm)	Height Except Terminal (mm)	Height (mm)	Weight With Acid (kg)
L2	EFB.L2.63.060.A	-	63	600	630	0	1	B13	242	175	190	190	16.7
L3	EFB.L3.72.072.A	-	72	720	750	0	1	B13	278	175	190	190	19.1
LB3	EFB.LB3.65.065.A	-	65	650	680	0	1	B13	278	175	175	175	17.9
L4	EFB.L4.84.080.A	-	84	800	850	0	1	B13	315	175	190	190	22.0
LB4	EFB.LB4.75.073.A	-	75	730	760	0	1	B13	315	175	175	175	20.7

EFB - JAPANESE (JIS) TYPE STARTER BATTERIES

Box	Crom Code	Part Number	Capacity at 20 Hr Rate (Ah)	CCA EN (A)	CCA SAE (A)	Layout	Terminal	Hold Down	Lenght (mm)	Width (mm)	Height Except Terminal (mm)	Height (mm)	Weight With Acid (kg)
D23	EFB.D23.64.062.C	-	64	620	650	0	1	B01	232	173	204	225	16.5
D26	EFB.D26.72.076.C	-	72	760	800	0	1	B01	260	173	204	225	18.4
D31	EFB.D31.86.080.C	-	86	800	850	0	1	B01	306	175	202	224	21.7

AGM - STARTER BATTERIES

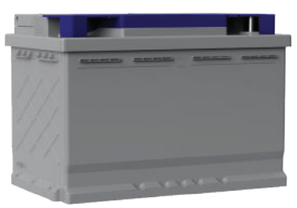
Box	Crom Code	Part Number	Capacity at 20 Hr Rate (Ah)	CCA EN (A)	CCA SAE (A)	Layout	Terminal	Hold Down	Lenght (mm)	Width (mm)	Height Except Terminal (mm)	Height (mm)	Weight With Acid (kg)
L2	AGM.L2.60.068.A	-	60	680	720	0	1	B13	242	175	190	190	18.0
L3	AGM.L3.70.076.A	-	70	760	800	0	1	B13	278	175	190	190	20.5
L4	AGM.L4.80.080.A	-	80	800	850	0	1	B13	315	175	190	190	23.5
L5	AGM.L5.95.090.A	-	95	900	950	0	1	B13	353	175	190	190	26.5

AUTOMOTIVE

EFB - EUROPEAN (DIN) BOX TYPES

L2

L3



LB3

L4

LB4

EFB - JAPANESE (JIS) BOX TYPES

D23

D26

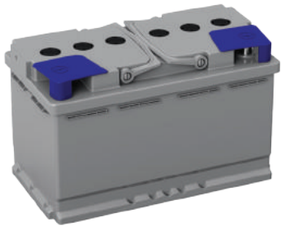
D31

AGM - BOX TYPES

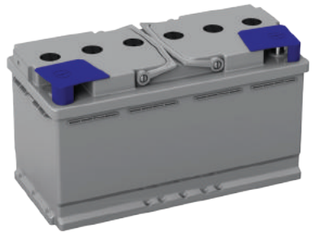
L2

L3

L4



L5



SFB - MF - HEAVY DUTY TYPE STARTER BATTERIES

Box	Crom Code	Part Number	Capacity at 20 Hr Rate (Ah)	CCA EN (A)	CCA SAE (A)	Layout	Terminal	Hold Down	Lenght (mm)	Width (mm)	Height Except Terminal (mm)	Height (mm)	Weight With Acid (kg)
D26	D26.50.045.A	MF 48D26L	50	450	480	0	1	B00	262	175	200	222	15.0
	D26.50.045.B	MF 48D26R	50	450	480	1	1	B00	262	175	200	222	15.0
C13	C13.105.076.F	MF 60512	105	760	800	0	1	B03	347	175	207	232	26.0
	C13.105.076.G	MF 60513	105	760	800	1	1	B03	347	175	207	232	26.0
D2	D2.115.080.H	MF 61527	115	800	850	0	1	B01	344	175	212	237	28.2
D3	D3.128.090.F	MF 62810	128	900	950	0	1	B00	344	171	262	290	32.0
D4 (N120)	1D4.120.080.A	MF 62045	120	800	850	3	1	B03	513	186	195	223	33.5
	1D4.120.080.B	MF 62046	120	800	850	3	1	B00	513	186	195	223	33.5
	1D4.135.080.A	MF 63531	135	800	1000	3	1	B03	513	186	195	223	35.0
	1D4.135.080.B	MF 63533	135	800	1000	3	1	B00	513	186	195	223	35.0
	1D4.135.095.A	MF 63530	135	950	1000	3	1	B03	513	186	195	223	35.7
	1D4.135.095.B	MF 63532	135	950	1000	3	1	B00	513	186	195	223	35.7
B5 (N150)	1D5.150.100.A	MF 65021	150	1000	1050	3	1	B03	513	223	195	223	40.5
	1D5.150.100.B	MF 65022	150	1000	1050	3	1	B00	513	223	195	223	40.5
	1D5.165.110.A	MF 66514	165	1100	1150	3	1	B03	513	223	195	223	43.2
	1D5.165.110.B	MF 66515	165	1100	1150	3	1	B00	513	223	195	223	43.2
	1D5.180.120.A	MF 68032	180	1200	1250	3	1	B03	513	223	195	223	46.5
	1D5.180.120.B	MF 68033	180	1200	1250	3	1	B00	513	223	195	223	46.5
	1D5.190.125.A	MF 69018	190	1250	1300	3	1	B03	513	223	195	223	47.5
	1D5.190.125.B	MF 69021	190	1250	1300	3	1	B00	513	223	195	223	47.5
D6 (N200)	1D6.200.125.B	MF 70038	200	1250	1300	3	1	B00	518	273	216	242	55.5
	1D6.225.140.B	MF 72538	225	1400	1450	3	1	B00	518	273	216	242	59.5
	1D6.240.150.B	MF 74012	240	1500	1600	3	1	B00	518	273	216	242	61.5

SFB - MF - SUPER HEAVY DUTY TYPE STARTER BATTERIES

Box	Crom Code	Part Number	Capacity at 20 Hr Rate (Ah)	CCA EN (A)	CCA SAE (A)	Layout	Termi-nal	Hold Down	Lenght (mm)	Width (mm)	Height Except Terminal (mm)	Height (mm)	Weight With Acid (kg)
D4 (N120)	1SD4.145.095.A	MF 48D26L	50	450	480	0	1	B00	262	175	200	222	15.0
	1SD4.145.095.B	MF 48D26R	50	450	480	1	1	B00	262	175	200	222	15.0
D5 (N150)	1SD5.190.120.A	MF 60512	105	760	800	0	1	B03	347	175	207	232	26.0
	1SD5.190.120.B	MF 60513	105	760	800	1	1	B03	347	175	207	232	26.0
D6 (N200)	1SD5.190.120.I	MF 61527	115	800	850	0	1	B01	344	175	212	237	28.2
	1SD6.200.120.B	MF 62810	128	900	950	0	1	B00	344	171	262	290	32.0
D4 (N120)	1SD6.225.125.B	MF 62045	120	800	850	3	1	B03	513	186	195	223	33.5
	1SD6.250.145.B	MF 62046	120	800	850	3	1	B00	513	186	195	223	33.5

*Length values of the batteries are given including the handles at sides.

COMMERCIAL

SFB - MF - HD & SHD BOX TYPES

D26

C13

D2

D3

D4

Hold Down: B03

Hold Down: B00

D5

Hold Down: B03

Hold Down: B00

D6

SFB - SMF - HEAVY DUTY TYPE STARTER BATTERIES

Box	Crom Code	Part Number	Capacity at 20 Hr Rate (Ah)	CCA EN (A)	CCA SAE (A)	Layout	Terminal	Hold Down	Lenght (mm)	Width (mm)	Height Except Terminal (mm)	Height (mm)	Weight With Acid (kg)
GR31	GR31.105.076.D	-	105	760	800	9	1	B00	328	171	220	241	25.0
	GR31.105.076.E	-	105	760	800	9	8	B00	328	171	220	241	25.0
	GR31.105.090.D	-	105	900	950	9	1	B00	328	171	220	241	25.5
	GR31.105.090.E	-	105	900	950	9	8	B00	328	171	220	241	25.5
C13	2C13.105.076.F	MF 60527	105	760	800	0	1	B03	347	175	213	235	26.0
	2C13.105.076.G	MF 60528	105	760	800	1	1	B03	347	175	213	235	26.0
D4 (N120)	D4.120.080.A	MF 62047	120	800	850	3	1	B03	513	186	195	223	33.5
	D4.120.080.B	MF 62048	120	800	850	3	1	B00	513	186	195	223	33.5
	D4.135.095.A	MF 63534	135	950	1000	3	1	B03	513	186	195	223	35.7
	D4.135.095.B	MF 63535	135	950	1000	3	1	B00	513	186	195	223	35.7
D5 (N150)	D5.150.100.A	MF 65023	150	1000	1050	3	1	B03	513	223	195	223	40.5
	D5.150.100.B	MF 65024	150	1000	1050	3	1	B00	513	223	195	223	40.5
	D5.165.110.A	MF 66516	165	1100	1150	3	1	B03	513	223	195	223	43.2
	D5.165.110.B	MF 66517	165	1100	1150	3	1	B00	513	223	195	223	43.2
	D5.170.110.A	MF 67020	170	1100	1150	3	1	B03	513	223	195	223	43.5
	D5.170.110.B	MF 67021	170	1100	1150	3	1	B00	513	223	195	223	43.5
	D5.180.120.A	MF 68034	180	1200	1250	3	1	B03	513	223	195	223	46.5
	D5.180.120.B	MF 68035	180	1200	1250	3	1	B00	513	223	195	223	46.5
	D5.190.125.A	MF 69022	190	1250	1300	3	1	B03	513	223	195	223	47.5
	D5.190.125.B	MF 69023	190	1250	1300	3	1	B00	513	223	195	223	47.5
D6 (N200)	D6.200.125.B	MF 70040	200	1250	1300	3	1	B00	518	273	216	242	55.5
	D6.225.140.B	MF 72540	225	1400	1450	3	1	B00	518	273	216	242	59.5
	D6.240.150.B	MF 74013	240	1500	1600	3	1	B00	518	273	216	242	61.5

SFB - SMF - SUPER HEAVY DUTY TYPE STARTER BATTERIES

Box	Crom Code	Part Number	Capacity at 20 Hr Rate (Ah)	CCA EN (A)	CCA SAE (A)	Layout	Terminal	Hold Down	Lenght (mm)	Width (mm)	Height Except Terminal (mm)	Height (mm)	Weight With Acid (kg)
GR31	GR31.115.100.D	-	115	1000	1050	9	1	B00	328	171	220	241	26.5
	GR31.115.100.E	-	115	1000	1050	9	8	B00	328	171	220	241	26.5
D4 (N120)	SD4.145.095.A	MF 64537	145	950	1000	3	1	B03	513	186	195	223	38.0
	SD4.145.095.B	MF 64538	145	950	1000	3	1	B00	513	186	195	223	38.0
D5 (N150)	SD5.190.120.A	MF 69024	190	1200	1300	3	1	B03	513	223	195	223	48.5
	SD5.190.120.B	MF 69025	190	1200	1300	3	1	B00	513	223	195	223	48.5
D6 (N200)	SD6.200.120.B	MF 70041	200	1200	1250	3	1	B00	518	273	216	242	55.0
	SD6.225.125.B	MF 72541	225	1250	1300	3	1	B00	518	273	216	242	59.0
	SD6.250.145.B	MF 75012	250	1450	1500	3	1	B00	518	273	216	242	63.0

*Length values of the batteries are given including the handles at sides.

COMMERCIAL

SFB - SMF - HD & SHD BOX TYPES

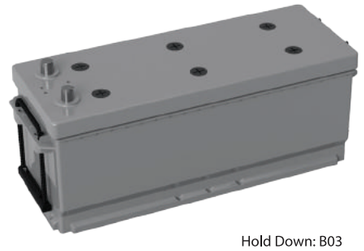
C13

GR31

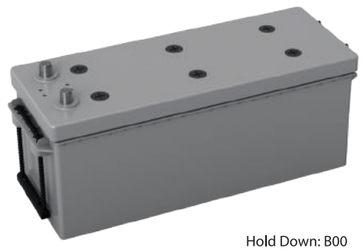
Terminal: 1

Terminal: 8

D4

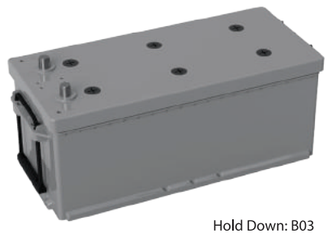


Hold Down: B03

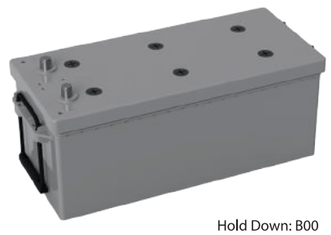


Hold Down: B00

D5



Hold Down: B03



Hold Down: B00

D6

SFB - TAXI BATTERIES

Box	Crom Code	Part Number	Capacity at 20 Hr Rate (Ah)	CCA EN (A)	CCA SAE (A)	Layout	Terminal	Hold Down	Lenght (mm)	Width (mm)	Height Except Terminal (mm)	Height (mm)	Weight With Acid (kg)
L2	TAXI.L2.65.054.A	-	65	540	570	0	1	B13	242	175	190	190	16.6
L3	TAXI.L3.72.057.C	-	72	570	600	0	1	B01	275	175	190	190	19.0

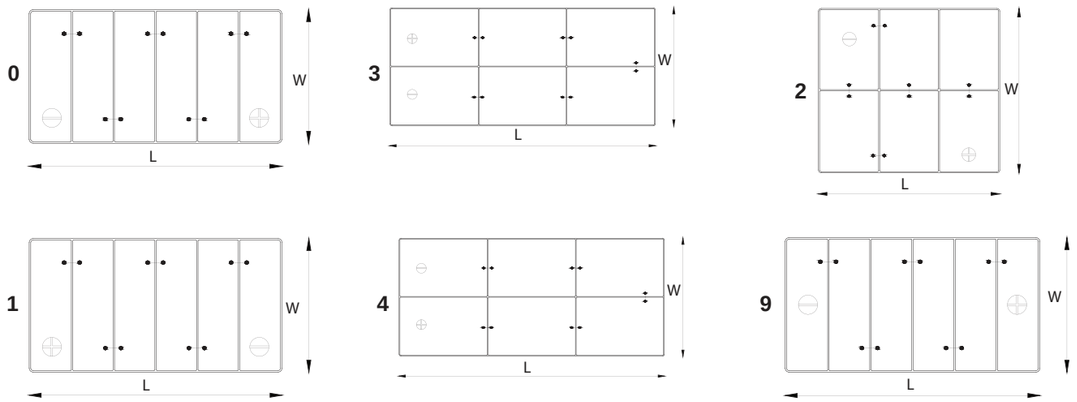
L2

L3

TECHNICAL DRAWINGS

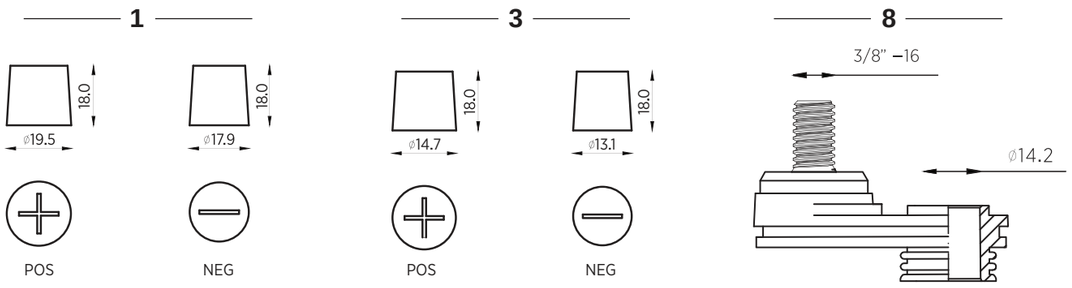
LAYOUT

12 Volt

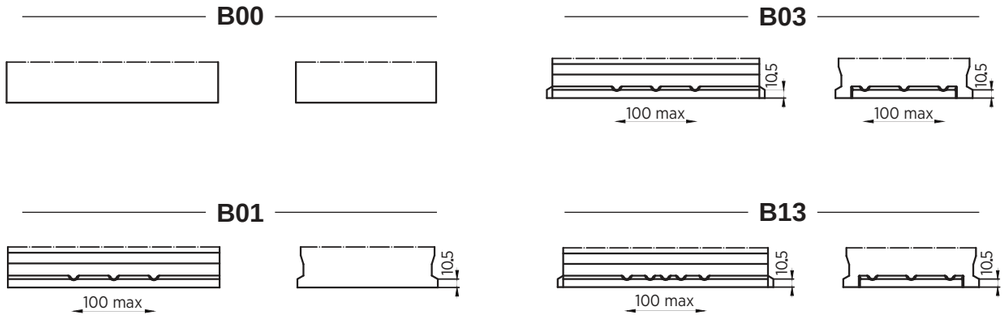


*W: Width, L: Length

TERMINAL



HOLD DOWNS



REPLACEMENT CHART

REPLACED BATTERY OF THE VEHICLE

	Standard Battery	Start-Stop EFB Battery	Start-Stop AGM Battery
	✓	✗	✗
	✓	✓	✗
	✗	✗	✓

Replace with same technology battery

Replace with same technology battery

*EFB batteries are usually placed next to the engine, AGM batteries are placed inside the trunk or under the seat as they are affected by heat.

CROM®

2021_04