



SEBIC

The Ultimate Power





Sepahan Battery Industrial Complex (SBIC)

Was founded in 1999 as the most hi-tech enterprise in automotive battery manufacturing in Iran. It is located at Oshtorjan industrial zone, Isfahan, Iran, and occupying a total land area of 65,000 m² with an investment in excess of 60 million USD. SBIC's annual production capacity is 5 million batteries, and it is planned to be increased further by introduction of a number of capacity alignment activities.

The manufacturing equipment are mostly fully automated and are made by the most renowned European battery manufacturing equipment suppliers, such as Digatron, Sovema, TBS, BM, La Pneumatica, etc. Usage of state-of-the-art equipment and first-class raw material has enabled SBIC to produce the highest quality lead acid batteries for automotive applications to European, Japanese and North American standards. SBIC is equipped to produce enough battery plates, lead oxide, distilled water and diluted sulfuric acid to support annual production of batteries. SBIC has also tooled enough plastic injection molding capacity to support approximately one hundred percent of its production needs without relying on any external sources.

Over the last 20 years, highly skilled engineers at SBIC have developed technical capabilities to be able to design and manufacture all types of batteries for OEM and after-market applications. SBIC's battery products include maintenance free (sealed), Euro-Kamina and Japanese N types for passenger cars and heavy duty vehicles in B20, B24, D23, D26, D31, G51, H51, E41, L1, L2, L3, L5, from 35 AH to 225 AH capacity and also EFB batteries which are used for cars with start-stop technology.

Sebic Power Plus Battery

Sebic battery Power Plus series is an economical solution for most common vehicles, standard equipment and everyday driving.

This product series is offered in two types SMF (Sealed Maintenance Free) and LM (Low Maintenance).

SMF series is defined as sealed type which does not need any kind of service and maintenance.

Sebic Power Plus series with various capacities includes the most complete range of applicable batteries for vehicles.

Some of Sebic Power Plus Battery features are as following:

- Corrosion-resistant and highly conductive plates thanks to the special grid design
- Long life and durability under heavy conditions
- Minimum water loss with calcium-calcium grid alloy
- Resistant to vibration
- High power capacity
- Low internal resistance
- Durable terminal connections
- High starting power in any weather condition
- Wide range of products in the portfolio



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L1

TYPE		Capacity 20 HR (AH)	Reserve Capacity (min)	CCA EN (A)	Max. Overall Dimension (mm)			Base Hold Down	Terminal Type	Terminal Layout
Box	Part Number				Length	Width	Total Height			
DIN										
L1	SMFL104032411L	40	61	324	207	175	190	B3	A1	0
	SMFL104032411R	40	61	324	207	175	190	B3	A1	1
	SMF54507	45	70	415	207	175	190	B3	A1	0
	SMFL104541511R	45	70	415	207	175	190	B3	A1	1
	SMFL105041511L	50	79	415	207	175	190	B3	A1	0
	SMFL105041511R	50	79	415	207	175	190	B3	A1	1



L2

TYPE		Capacity 20 HR (Ah)	Reserve Capacity (min)	CCA EN (A)	Max.Overall Dimension (mm)			Base Hold Down	Terminal Type	Terminal Layout
Box	Part Number				Length	Width	Total Height			
DIN										
L2	SMFL205547011L	55	88	470	242	175	190	B3	A1	0
	SMFL205547011R	55	88	470	242	175	190	B3	A1	1
	SMF56019	60	98	560	242	175	190	B3	A1	0
	SMFL206056011R	60	98	560	242	175	190	B3	A1	1





L3

TYPE		Capacity 20 HR (AH)	Reserve Capacity (min)	CCA EN (A)	Max.Overall Dimension (mm)			Base Hold Down	Terminal Type	Terminal Layout
Box	Part Number				Length	Width	Total Height			
DIN										
L3	SMFL306959511L	69	116	595	278	175	190	B3	A1	0
	SMFL306959511R	69	116	595	278	175	190	B3	A1	1
	SMF57220	72	122	660	278	175	190	B3	A1	0
	SMFL307266011R	72	122	660	278	175	190	B3	A1	1






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L5

TYPE		Capacity 20 HR (AH)	Reserve Capacity (min)	CCA EN (A)	Max.Overall Dimension (mm)			Base Hold Down	Terminal Type	Terminal Layout
Box	Part Number				Length	Width	Total Height			
DIN										
L5	SMFL509383011L	93	165	830	350	175	188	B3	A1	0
	SMFL509383011R	93	165	830	350	175	188	B3	A1	1
	SMF60044	100	179	920	350	175	188	B3	A1	0
	SMFL510092011R	100	179	920	350	175	188	B3	A1	1





B20

TYPE		Capacity 20 HR (AH)	Reserve Capacity (min)	CCA EN (A)	Max.Overall Dimension (mm)			Base Hold Down	Terminal Type	Terminal Layout
Box	Part Number				Length	Width	Total Height			
JIS										
B20	SMF32B20L	30	43	275	197	129	227	N	A2	0
	SMF32B20R	30	43	275	197	129	227	N	A2	1
	SMF38B20L(NS40ZL)	35	52	305	197	129	227	N	A2	0
	SMF38B20R(NS40Z)	35	52	305	197	129	227	N	A2	1
	SMF41B20L	40	61	350	197	129	227	N	A2	0
	SMF41B20R	40	61	350	197	129	227	N	A2	1





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B24

TYPE		Capacity 20 HR (AH)	Reserve Capacity (min)	CCA EN (A)	Max.Overall Dimension (mm)			Base Hold Down	Terminal Type	Terminal Layout
Box	Part Number				Length	Width	Total Height			
JIS										
B24	SMF38B24L	35	52	305	238	129	227	N	A1	0
	SMF38B24R	35	52	305	238	129	227	N	A1	1
	SMFB2403530513L	35	52	305	238	129	227	N	A2	0
	SMFB2403530513R	35	52	305	238	129	227	N	A2	1
	SMF41B24LS(N40L)	40	61	350	238	129	227	N	A1	0
	SMF41B24RS(N40)	40	61	350	238	129	227	N	A1	1
	SMFB2404035013L	40	61	350	238	129	227	N	A2	0
	SMFB2404035013R	40	61	350	238	129	227	N	A2	1
	SMF50B24L(NS60LS)	45	70	380	238	129	227	N	A1	0
	SMF50B24R(NS60S)	45	70	380	238	129	227	N	A1	1
	SMFB2404538013L	45	70	380	238	129	227	N	A2	0
	SMFB2404538013R	45	70	380	238	129	227	N	A2	1





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D23

TYPE		Capacity 20 HR (AH)	Reserve Capacity (min)	CCA EN (A)	Max.Overall Dimension (mm)			Base Hold Down	Terminal Type	Terminal Layout
Box	Part Number				Length	Width	Total Height			
JIS										
D23	SMFD2306352011L	63	104	520	238	178	225	B4	A1	0
	SMFD2306352011R	63	104	520	238	178	225	B4	A1	1
	SMF75D23L	66	110	560	238	178	225	B4	A1	0
	SMF75D23R	66	110	560	238	178	225	B4	A1	1





D26

TYPE		Capacity 20 HR (AH)	Reserve Capacity (min)	CCA EN (A)	Max.Overall Dimension (mm)			Base Hold Down	Terminal Type	Terminal Layout
Box	Part Number				Length	Width	Total Height			
JIS										
D26	SMFD2605036011L(N50L)	50	79	360	257	176	225	B4	A1	0
	SMFD2605036011R(N50)	50	79	360	257	176	225	B4	A1	1
	SMFD2605542011L	55	88	420	257	176	225	B4	A1	0
	SMFD2605542011R	55	88	420	257	176	225	B4	A1	1
	SMF75D26L	66	110	560	257	176	225	B4	A1	0
	SMF75D26R	66	110	560	257	176	225	B4	A1	1
	SMFD2607562011L	75	128	620	257	176	225	B4	A1	0
	SMFD2607562011R	75	128	620	257	176	225	B4	A1	1





D31

TYPE		Capacity 20 HR (AH)	Reserve Capacity (min)	CCA EN (A)	Max.Overall Dimension (mm)			Base Hold Down	Terminal Type	Terminal Layout
Box	Part Number				Length	Width	Total Height			
JIS										
D31	SMFD3107562011L(N70L)	75	128	620	306	175	225	B4	A1	0
	SMFD3107562011R(N70)	75	128	620	306	175	225	B4	A1	1
	SMFD3108062011L	80	138	620	306	175	225	B4	A1	0
	SMFD3108062011R	80	138	620	306	175	225	B4	A1	1
	SMF105D31L	90	158	760	306	175	225	B4	A1	0
	SMF105D31R	90	158	760	306	175	225	B4	A1	1
	SMF120D31L	100	179	860	306	175	225	B4	A1	0
	SMF120D31R	100	179	860	306	175	225	B4	A1	1





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G51

TYPE		Capacity 20 HR (AH)	Reserve Capacity (min)	CCA EN (A)	Max.Overall Dimension (mm)			Base Hold Down	Terminal Type	Terminal Layout
Box	Part Number				Length	Width	Total Height			
JIS										
G51	SMFG5115097511R(N150L)	150	290	975	510	222	232	B8	A1	3
	SMFG5115097511L(N150)	150	290	975	510	222	232	B8	A1	4
	SMF185G51R	170	336	1135	510	222	232	B8	A1	3
	SMF185G51L	170	336	1135	510	222	232	B8	A1	4
	SMF195G51R(N180L)	175	348	1170	510	222	232	B8	A1	3
	SMF195G51L(N180)	175	348	1170	510	222	232	B8	A1	4
	SMF205G51R	190	383	1265	510	222	232	B8	A1	3
	SMF205G51L	190	383	1265	510	222	232	B8	A1	4





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FUSO

SUPER GREAT

SUPER GREAT V

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H51

TYPE		Capacity 20 HR (AH)	Reserve Capacity (min)	CCA EN (A)	Max.Overall Dimension (mm)			Base Hold Down	Terminal Type	Terminal Layout
Box	Part Number				Length	Width	Total Height			
JIS										
H51	SMFH5119094011R	190	383	940	512	278	239	B8	A1	3
	SMFH5119094011L	190	383	940	512	278	239	B8	A1	4
	SMFH5120010011R(N200L)	200	407	1000	512	278	239	B8	A1	3
	SMFH5120010011L(N200)	200	407	1000	512	278	239	B8	A1	4
	SMFH5122511111R	225	468	1110	512	278	239	B8	A1	3
	SMFH5122511111L	225	468	1110	512	278	239	B8	A1	4

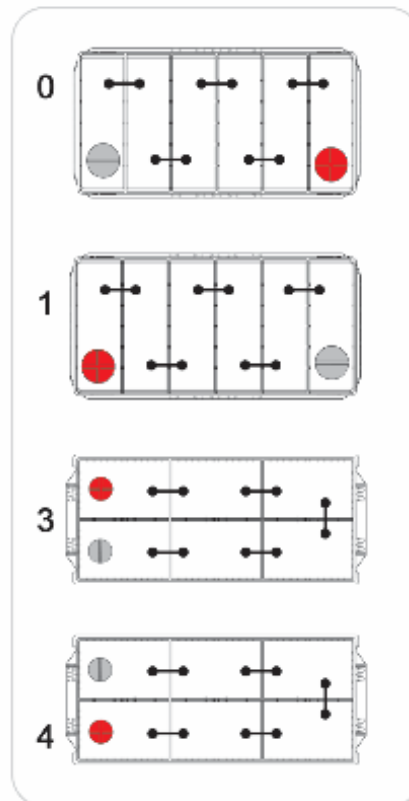




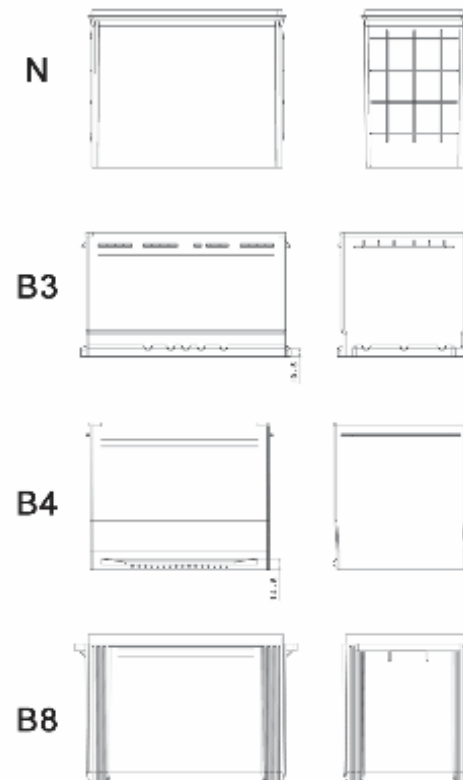

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LAYOUTS, HOLD DOWN AND TERMINALS

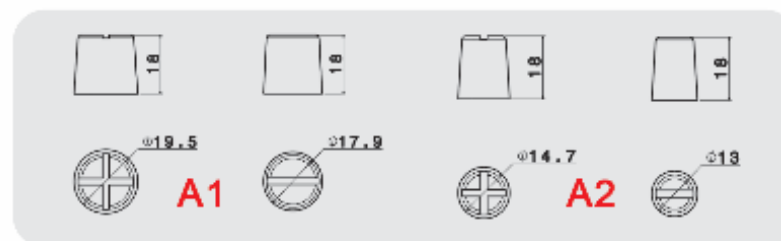
Battery Terminal Layout



Battery Base Hold Down



Battery Terminals






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