

## TECHNICAL SPECIFICATIONS

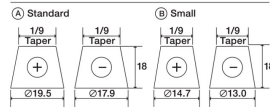
### JIS Battery Specification

Model	Size	Type New JIS	Plates	Capacity (20HR)	CCA	RC	Dimensions (mm)				Layout	Terminal Size	Hold-down
							Length	Width	Height	Total Height			
44B19R/SMF	B19	44B19R	9	36	350	56	196	128	202	224	1	A/B	B0/B1
44B19L/SMF	B19	44B19L	9	36	350	56	196	128	202	224	0	A/B	B0/B1
50B19R/SMF	B19	50B19R	10	40	390	64	196	128	202	224	1	A/B	B0/B1
50B19L/SMF	B19	50B19L	10	40	390	64	196	128	202	224	0	A/B	B0/B1
50B24R/SMF	B24	50B24R	11	40	390	64	236	128	202	224	1	A/B	B0
50B24L/SMF	B24	50B24L	11	40	390	64	236	128	202	224	0	A/B	B0
60B24R/SMF	B24	60B24R	11	45	430	72	236	128	202	224	1	A/B	B0
60B24L/SMF	B24	60B24L	11	45	430	72	236	128	202	224	0	A/B	B0
75B24R/SMF	B24	75B24R	13	53	520	88	236	128	202	224	1	A/B	B0
75B24L/SMF	B24	75B24L	13	53	520	88	236	128	202	224	0	A/B	B0
75D23R/SMF	D23	75D23R	11	58	500	98	231	172	202	224	1	A	B0/B1
75D23L/SMF	D23	75D23L	11	58	500	98	231	172	202	224	0	A	B0/B1
85D23R/SMF	D23	85D23R	12	63	540	109	231	172	202	224	1	A	B0/B1
85D23L/SMF	D23	85D23L	12	63	540	109	231	172	202	224	0	A	B0/B1
75D26R/SMF	D26	75D26R	11	58	500	98	259	172	203	224	1	A	B0/B1/B5
75D26L/SMF	D26	75D26L	11	58	500	98	259	172	203	224	0	A	B0/B1/B5
85D26R/SMF	D26	85D26R	12	63	540	109	259	172	203	224	1	A	B0/B1/B5
85D26L/SMF	D26	85D26L	12	63	540	109	259	172	203	224	0	A	B0/B1/B5
95D31R/SMF	D31	95D31R	14	69	580	120	305	172	203	224	1	A	B0/B1/B5
95D31L/SMF	D31	95D31L	14	69	580	120	305	172	203	224	0	A	B0/B1/B5
110D31R/SMF	D31	110D31R	15	80	670	143	305	172	203	224	1	A	B0/B1/B5
110D31L/SMF	D31	110D31L	15	80	670	143	305	172	203	224	0	A	B0/B1/B5
125D31R/SMF	D31	125D31R	17	91	760	167	305	172	203	224	1	A	B0/B1/B5
125D31L/SMF	D31	125D31L	17	91	760	167	305	172	203	224	0	A	B0/B1/B5

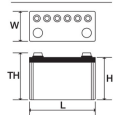
### DIN Battery Specification

Model	Size	Type	Plates	Capacity (20HR)	CCA	RC	Dimensions (mm)				Layout	Terminal Size	Hold-down
							Length	Width	Height	Total Height			
54421/SMF	LBN1	54421	9	46	400	74	206	174	174	174	0	A	B3
55530/SMF	LN2	55530	11	58	500	98	241	174	189	189	0	A	B13
56225R/SMF	LN2	56225R	12	63	540	109	241	174	189	189	1	A	B13
56225L/SMF	LN2	56225L	12	63	540	109	241	174	189	189	0	A	B13
56638/SMF	LN3	56638	13	69	580	120	277	174	189	189	0	A	B13
57128/SMF	LBN3	57128	14	72	610	126	277	174	174	174	0	A	B13
57428/SMF	LN3	57428	14	74	630	131	277	174	189	189	0	A	B13
60038/SMF	LN5	60038	19	102	840	191	352	174	189	189	0	A	B3

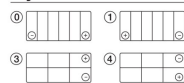
#### Terminal Size



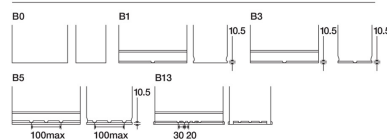
#### Dimensions



#### Layout



#### Hold-down



株式会社オートバックスセブン  
**AUTOBACS SEVEN CO., LTD.**  
 NBF Toyosu Canal Front, 6-52, Toyosu 5-Chome,  
 Koto ku, Tokyo 135-8717, JAPAN  
[www.autobacs.co.jp/global/products](http://www.autobacs.co.jp/global/products)



# AUTOBACS

## SEALED MAINTENANCE FREE BATTERY

JAPAN QUALITY & PERFORMANCE





# LEADING WORLD CLASS PERFORMANCE

## JAPAN QUALITY & PERFORMANCE

AUTOBACS world class automotive parts and accessories manufacturer has set the new standard for high performance car batteries. Manufactured under strict Japanese quality control regulations for reliability and performance, AUTOBACS is Japan quality.

## BATTERY TECHNOLOGY

AUTOBACS Sealed Maintenance Free batteries are manufactured using the latest car battery technology. The alloy frame grid delivers higher CCA without the need to add water for the life of the battery.

### HIGH STARTABILITY

Delivers higher CCA and maintains high performance engine starting for the life of the battery

### LONG LASTING

Superior life cycle and high durability for longer battery life compared to conventional batteries

### MAINTAINS ELECTROLYTE

Reduced electrolyte loss with no need to add water for the life of the battery

### HEAVY DUTY

Large capacity ideal for today's modern cars equipped with multiple electronic systems



### SEALED MF

Double layer sealed top cover with built-in charge indicator eliminates need for hydrometer testing

### VIBRATION RESISTANT

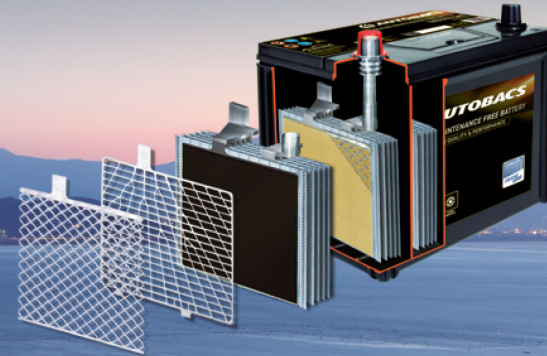
Designed and tested to withstand severe vibrations from rough terrain and bumpy roads

### TEMPERATURE STABLE

Designed and tested to maintain battery performance even at extreme temperatures

### LOW SELF DISCHARGE

Maintains charge state for longer even when the car is used only occasionally



#### FRAME GRID

The fully framed cast alloy grid provides superior resistance to heat expansion and plate growth. The result is a more durable battery that is well suited to tropical climates.

#### POWER DELIVERY

The dynamic grid design provides the shortest possible path for efficient current flow to the battery terminal. The result is higher cranking power delivery for high startability when it's needed most.

#### MAINTENANCE FREE DURABILITY

High grade calcium and tin alloy increases mechanical strength while reducing water consumption. The result is high durability without the need to add water for the life of the battery.



#### ACTIVE MATERIAL

High density active material delivers higher per plate efficiency. Double sided pasting equals more active material and higher heat endurance.



#### TOP COVER

Double layer sealed top cover ensures 100% drain back into the battery cell and protects against electrolyte leakage. Built-in handle allows for easy installation.



#### FLAME ARRESTOR

High grade polypropylene flame arrestor prevents the buildup of pressurized gas while preventing dangerous sparks from entering the battery.



#### STATUS INDICATOR

Built-in status indicator serves as a valuable diagnostic tool to quickly and easily check the status of the battery without needing any additional equipment.

## JAPAN QUALITY CONTROL

Every AUTOBACS Sealed Maintenance Free battery must meet the strict Japan quality control standards set by AUTOBACS head office in Tokyo. The AUTOBACS brand is your guarantee of quality and reliability.



**AUTOMATED ASSEMBLY LINES**

Modern and well maintained automated assembly lines provide the precision manufacturing process required for consistent production quality.



**STRICT JAPANESE QUALITY CONTROL STANDARDS**

Manufactured using the latest technology in clean, safe and efficient facilities through the implementation of the 5S quality control method.



**CONTINUOUS IMPROVEMENT AND INNOVATION**

The "KAIZEN" principle for continuous improvement. AUTOBACS manufacturing is moving forward to deliver the best products for our customers.



**ISO 9001:2015 CERTIFIED**

AUTOBACS Sealed Maintenance Free batteries are manufactured at ISO 9001:2015 certified production facilities.