
RB

BATTERY



Battery Catalogue

Car • Truck • Start-Stop • Motorcycle • Marine • Deep Cycle

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Company Introduction

**AUTOMOTIVE
BATTERY**

**MOTOR
CYCLE**



**MARINE &
LEISURE**

Through our expertise and continual development, we have been evolving vehicle battery technology and production capacity for more than three decades.

Being one the best automotive battery suppliers in Thailand, RB has built an unparalleled reputation and gained the market trust as a “Power Solution Generator”.



Thailand Super Series



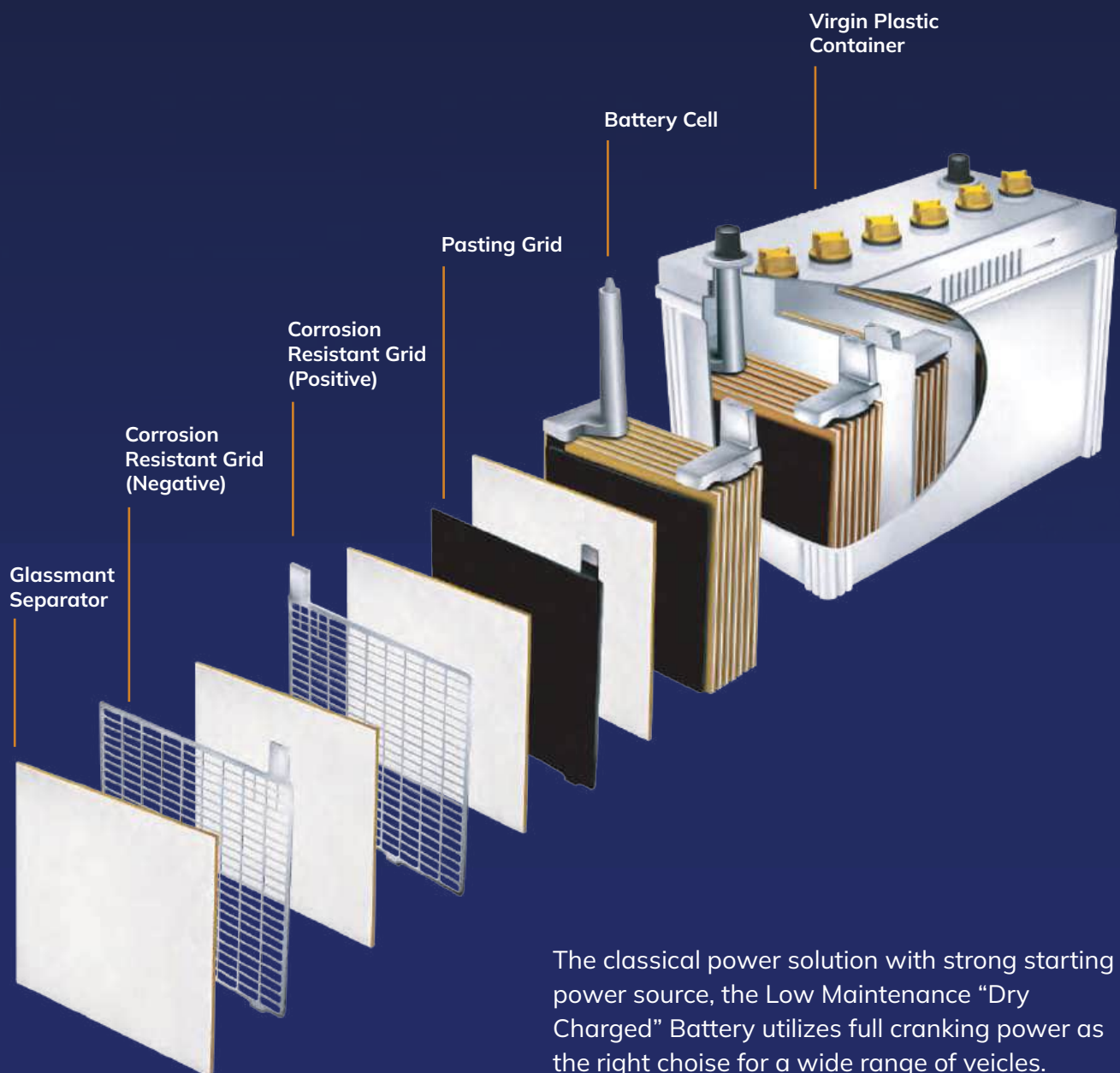
We are proud of our multi-generational partnerships and the new partnerships being forged.

They drive us to ensure the RB Brand is always at the forefront of quality and performance.

With the RB now being over 25 years old, we look forward to the future, holding hands with our customers and partners, ensuring that all our clients have the power they need at their fingertips.



Low Maintenance (Dry Charged)



The classical power solution with strong starting power source, the Low Maintenance “Dry Charged” Battery utilizes full cranking power as the right choice for a wide range of vehicles.

RB BATTERY



Longer
Service Life



Reliable
Starting Power



High
Performance



RB DIN



RB N50



RB N70



RB N120



RB NS60

Low Maintenance (JIS)

✓ For Japanese Vehicles

✓ Standard Series

✓ Long Shelf Life

Model	Battery Group	Ampers	Plates Per Cell	Gross Weight (KGS)	Cell Layout	Length (MM)	Width (MM)	Height (MM)	Total height (MM)
NS40	B19	32	9	5.66	+/-	195.00	127.00	200.00	222.00
NS40L	B19	32	9	5.66	-/+	195.00	127.00	200.00	222.00
NS40Z	B19	35	11	6.58	+/-	195.00	127.00	200.00	222.00
NS40ZL	B19	35	11	6.58	-/+	195.00	127.00	200.00	222.00
N40	B24	40	11	6.88	+/-	236.00	127.00	200.00	222.00
N40L	B24	40	11	6.88	-/+	236.00	127.00	200.00	222.00
NS60	B24	45	13	7.98	+/-	236.00	127.00	200.00	222.00
NS60L	B24	45	13	7.98	-/+	236.00	127.00	200.00	222.00
N50	D26	50	9	9.31	+/-	256.00	170.00	200.00	224.00
N50L	D26	50	9	9.31	-/+	256.00	170.00	200.00	224.00
N60	D26	60	11	10.88	+/-	256.00	170.00	200.00	224.00
N60L	D26	60	11	10.88	-/+	256.00	170.00	200.00	224.00
N70	D31	70	13	12.51	+/-	303.00	170.00	200.00	224.00
N70L	D31	70	13	12.51	-/+	303.00	170.00	200.00	224.00
NS 100	D31	75	15	13.18	+/-	303.00	170.00	200.00	224.00
NS100Z	D31	90	16	14.34	+/-	303.00	170.00	200.00	224.00
N 100 A	E41	95	15	14.64	+/-	406.00	173.00	209.00	232.00
N100	E41	100	17	16.64	+/-	406.00	173.00	209.00	232.00
N100L	E41	100	17	16.64	-/+	406.00	173.00	209.00	232.00
N 120 A	F51	110	19	19.83	$\frac{+}{-}$	502.00	180.00	210.00	255.00
N 120	F51	120	21	20.33	$\frac{+}{-}$	502.00	180.00	210.00	255.00
N 150 A	G51	140	23	25.02	$\frac{+}{-}$	505.00	220.00	210.00	255.00
N150	G51	150	25	25.02	$\frac{+}{-}$	505.00	220.00	210.00	255.00
N150L	G51	150	25	25.02	$\frac{-}{+}$	505.00	220.00	210.00	255.00
N 200	H52	200	33	31.73	$\frac{+}{-}$	517.00	275.00	216.00	261.00

Low Maintenance (DIN)

✓ For Japanese Vehicles

✓ Standard Series

✓ Long Shelf Life

Model	Battery Group	Ampers	Plates Per Cell	Gross Weight (KGS)	Cell Layout	Length (MM)	Width (MM)	Height (MM)	Total height (MM)
55530	LN2	55	11	9.52	-/+	241.00	175.00	190.00	190.00
56618	LN3	66	13	11.36	-/+	276.00	175.00	190.00	190.00
DIN75	LN3	75	15	12.54	-/+	276.00	175.00	190.00	190.00
58815	LN5	88	17	15.46	-/+	353.00	175.00	190.00	190.00
DIN 100	LN5	100	19	15.48	-/+	353.00	175.00	190.00	190.00

Sealed Maintenance Free (SMF)



High CCA
Performance

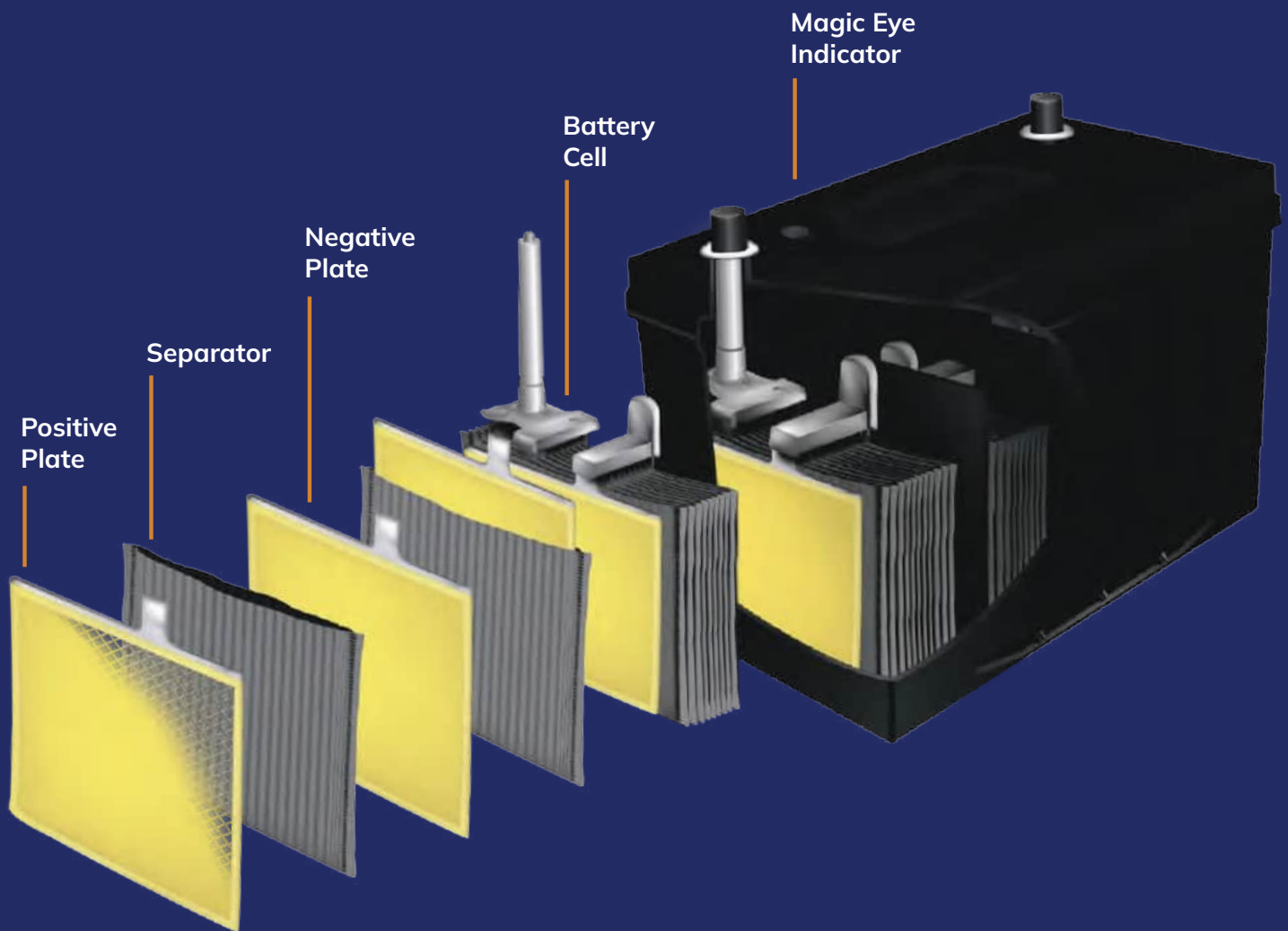


Maximum
Reserve
Capacity



Extreme
Durability





With our forward thinking approach and dedication to ensuring our partners are always having the correct product for the market, we had developed our premium quality Sealed Maintenance Free batteries.

By being the first in Thailand to support this technology with Expanded Grid and fully automated production line as well as our currently expanding Punched Grid Lines, we have become a leader in this range with our wide production base.

With the RB SMF being the ideal choice for standard vehicles, it provides reliable power for all applications with a complete range for European and Asian vehicles.

Flooded JIS Series

Model	Battery Group	Nominal Capacity (Ah) (C/20)	Cold Cranking Performance Amps (A)	Reserve Capacity (min)	Length (MM)	Width (MM)	Heigth (MM)	Total height (MM)	Gross weight (KGS) - Approx	Positive Plates	Negative Plates	Cell Layout
38B20L RB V	B19 / B20	35	300	47	195	126	201	222	9.21	5	4	-/+
38B20R RB V	B19 / B20	35	300	47	195	126	201	222	9.21	5	4	+/-
42B20L RB V	B19 / B20	40	370	54	195	126	201	222	9.66	5	5	-/+
42B20R RB V	B19 / B20	40	370	54	195	126	201	222	9.66	5	5	+/-
55B24L RB V	B24	45	410	70	236	128	200	222	11.61	6	5	-/+
55B24R RB V	B24	45	410	70	236	128	200	222	11.61	6	5	+/-
55D23L RB V	D23	60	490	88	232	172	202	223	14.72	6	5	-/+
55D23R RB V	D23	60	490	88	232	172	202	223	14.72	6	5	+/-
85D23L RB V	D23	65	550	98	232	172	202	223	15.30	6	6	-/+
85D23R RB V	D23	65	550	98	232	172	202	223	15.30	6	6	+/-
48D26L RB V	D26	50	400	66	259	175	202	222	14.86	5	4	-/+
48D26R RB V	D26	50	400	66	259	175	202	222	14.86	5	4	+/-
55D26L RB V	D26	60	475	79	259	175	202	222	15.33	5	5	-/+
55D26R RB V	D26	60	475	79	259	175	202	222	15.33	5	5	+/-
75D26L RB V	D26	65	500	88	259	175	202	222	16.11	6	5	-/+
75D26R RB V	D26	65	500	88	259	175	202	222	16.11	6	5	+/-
80D26L RB V	D26	70	600	108	259	175	202	222	17.20	7	6	-/+
80D26R RB V	D26	70	600	108	259	175	202	222	17.20	7	6	+/-
85D26L RB V	D26	75	650	118	259	175	202	222	17.75	7	7	-/+
85D26R RB V	D26	75	650	118	259	175	202	222	17.70	7	7	+/-
60D31L RB V	D31	65	500	88	303	170	201	222	17.50	6	5	-/+
60D31R RB V	D31	65	500	88	303	170	201	222	17.50	6	5	+/-
65D31L RB V	D31	70	530	108	303	170	201	222	18.50	7	6	-/+
65D31R RB V	D31	70	530	108	303	170	201	222	18.50	7	6	+/-

Model	Battery Group	Nominal Capacity (Ah) (C/20)	Cold Cranking Performance Amps (A)	Reserve Capacity (min)	Length (MM)	Width (MM)	Height (MM)	Total height (MM)	Gross weight (KGS) - Approx	Positive Plates	Negative Plates	Cell Layout
75D31L RB V	D31	75	580	118	303	170	201	222	19.20	7	7	-/+
75D31R RB V	D31	75	580	118	303	170	201	222	19.22	7	7	+/-
95D31L RB V	D31	80	620	128	303	170	201	222	19.72	8	7	-/+
95D31R RB V	D31	80	620	128	303	170	201	222	19.72	8	7	+/-
105D31L RB V	D31	90	680	138	303	170	201	222	20.25	8	8	-/+
105D31R RB V	D31	90	680	138	303	170	201	222	20.25	8	8	+/-
125D31L RB V	D31	95	800	158	303	170	201	222	22.10	10	9	-/+
125D31R RB V	D31	95	800	158	303	170	201	222	22.10	10	9	+/-
N100 RB V	E41	100	750	169	408	170	209	233	25.35	10	9	-/+
N100R RB V	E41	100	750	169	408	170	209	233	25.35	10	9	+/-
N120 RB V	F51	120	800	223	504	183.5	200	223	32.60	9	10	$\frac{+}{-}$
N150R RB V	G51	150	950	256	510	222	196	217	37.70	11	11	$\frac{-}{+}$
N200 RB V	H52	200	1,000	324	521	261	217	240	49.50	13	13	$\frac{+}{-}$

Flooded EN Series

Model	Battery Group	Nominal Capacity (Ah) (C/20)	Cold Cranking Performance Amps (A)	Reserve Capacity (min)	Length (MM)	Width (MM)	Height (MM)	Total height (MM)	Gross weight (KGS) - Approx	Positive Plates	Negative Plates	Cell Layout
55530 RB V	LN2	55	525	88	242	175	190	190	14.55	6	6	-/+
56219 RB V	LN2	62	525	98	242	175	190	190	15.20	7	6	-/+
56618 RB V	LN3	66	500	110	278	175	190	190	16.62	7	7	-/+
57539 RB V	LN3	75	600	128	278	175	190	190	17.70	8	8	-/+
58014 RB V	LN4	80	770	138	314	174	190	190	19.70	9	8	-/+
58828 RB V	LN5	88	670	154	351	174	188	188	22.05	10	9	-/+
60038 RB V	LN5	100	650	175	351	174	188	188	23.10	11	10	-/+
55519 RB V	LBN2	55	525	88	242	175	175	175	13.75	7	6	-/+
56667 RB V	LBN3	66	500	98	276	174	174	174	15.45	7	7	-/+
57220 RB V	LBN3	72	600	108	276	174	174	174	16.08	8	7	-/+
58011 RB V	LBN4	80	770	135	314	174	174	174	19.10	10	9	-/+

RB BATTERY



BOX 42B20L



BOX 65D31R



BOX 58014(LN4)



58014 (LN4)



65D31R

High Temp Maintenance Free Battery



High
Temperature
Application



Fully
maintenance
free



Tough
construction

The RB High Temperature Batteries range has been specially formulated for regions that experience high temperatures, including the Arabian Gulf region.

With our special formulations for this range of batteries, we have ensured that the High-T series of batteries are able to not only have a longer shelf life - but also superior performance and battery life.



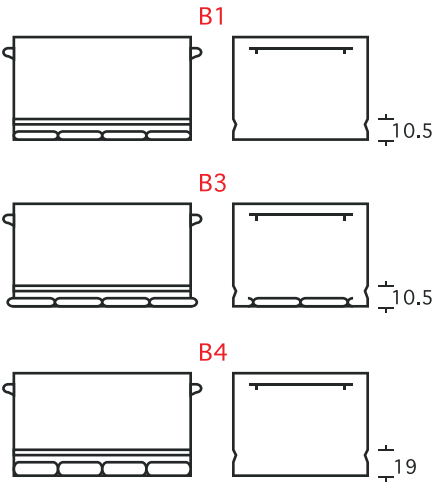
High-T series Maintenance Free Battery

Model	Battery Group	Nominal Capacity (Ah) (C/20)	Cold Cranking Performance Amps (A)	Reserve Capacity (min)	Length (MM)	Width (MM)	Height (MM)	Total height (MM)	Gross weight (KGS) - Approx	Positive Plates	Negative Plates	Cell Layout
55530-HT RB V	LN2	55	460	88	242	175	190	190	14.40	6	5	-/+
56219-HT RB V	LN2	60	510	98	242	175	190	190	15.00	6	6	-/+
57220-HT RB V	LN3	72	570	122	278	175	190	190	17.20	7	7	-/+
58043-HT RB V	LN4	80	640	138	314	174	190	190	19.60	8	8	-/+
60038-HT RB V	LN5	100	750	175	351	174	188	188	23.00	10	10	-/+
57539-HT RB V	LN4	75	590	128	314	174	174	174	18.30	8	7	-/+
50B20L-HT RB V	B20 / B19	38	330	54	195	126	201	222	9.60	5	4	-/+
50B20R-HT RB V	B20 / B19	38	330	54	195	126	201	222	9.60	5	4	+/-
55B24L-HT RB V	B24	48	390	70	236	128	200	222	11.70	6	5	-/+
55D23L-HT RB V	D23	60	500	98	231	174	202	221	15.40	6	5	-/+
85D23L-HT RB V	D23	65	540	104	231	172	202	221	15.90	6	6	-/+
48D26L-HT RB V	D26	50	400	75	260	172	200	221	15.20	5	4	-/+
75D26L-HT RB V	D26	70	530	108	260	172	200	221	17.20	6	6	-/+
65D31L-HT RB V	D31	70	500	112	303	170	201	222	18.50	6	6	-/+
75D26R-HT RB V	D26	70	530	108	260	172	200	221	17.20	6	6	+/-
65D31R-HT RB V	D31	70	500	108	303	170	201	222	18.50	6	6	+/-
75D31L-HT RB V	D31	75	550	128	303	170	201	222	19.60	7	7	-/+
75D31R-HT RB V	D31	75	550	128	303	170	201	222	19.60	7	7	+/-
95D31L-HT RB V	D31	80	600	138	303	170	201	222	20.30	8	7	-/+
95D31R-HT RB V	D31	80	600	138	303	170	201	222	20.30	8	7	+/-
105D31L-HT RB V	D31	90	660	158	303	170	201	222	21.10	8	8	-/+
105D31R-HT RB V	D31	90	660	158	303	170	201	222	21.10	8	8	+/-
125D31L-HT RB V	D31	95	700	169	303	170	201	222	21.80	9	8	-/+
125D31R-HT RB V	D31	95	700	169	303	170	201	222	21.80	9	8	+/-

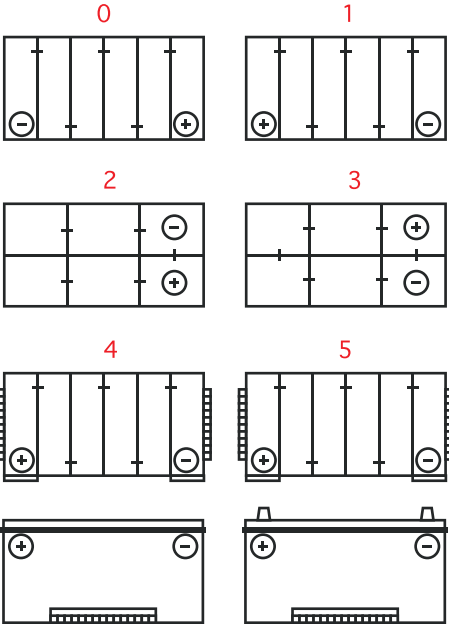
Model	Battery Group	Nominal Capacity (Ah) (C/20)	Cold Cranking Performance Amps (A)	Reserve Capacity (min)	Length (MM)	Width (MM)	Heigth (MM)	Total height (MM)	Gross weight (KGS) - Approx	Positive Plates	Negative Plates	Cell Layout
N100L-HT RB V	E41	100	750	179	408	170	209	233	25.74	9	9	-/+
N120R-HT RB V	G51	120	800	223	510	222	196	217	36.10	9	9	$\frac{-}{+}$
N160L-HT RB V	G51	160	1,000	301	510	222	196	217	40.20	11	12	$\frac{+}{-}$
N160R-HT RB V	G51	160	1,000	301	510	222	196	217	40.20	11	12	$\frac{-}{+}$
N200R-HT RB V	H52	200	1,200	383	521	261	217	240	54.50	13	14	$\frac{-}{+}$

Technical Information

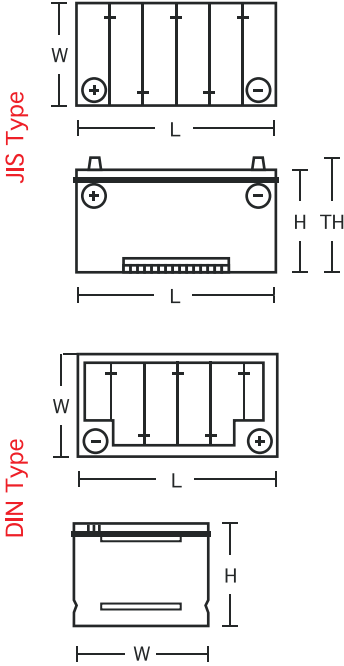
Base hold down



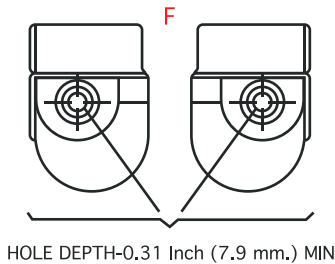
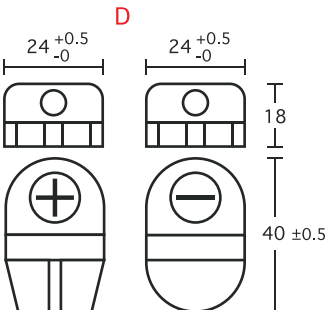
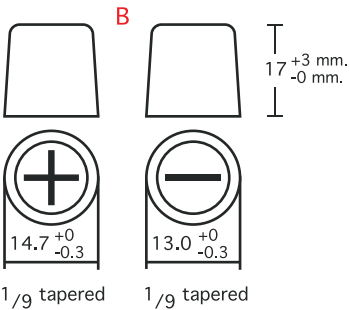
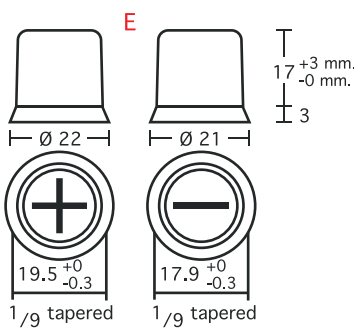
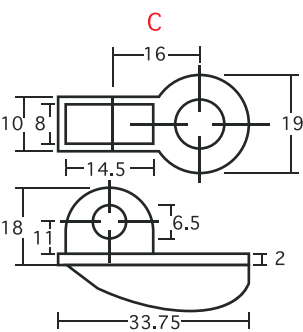
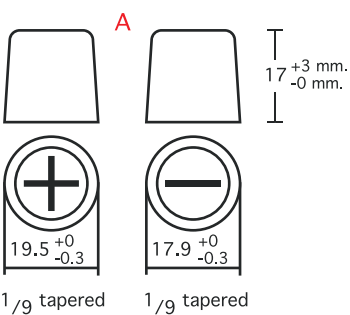
Cell Layout



Measurement



Terminals



Advanced Battery (EFB & AGM)



Start - Stop



High Cranking for quick start



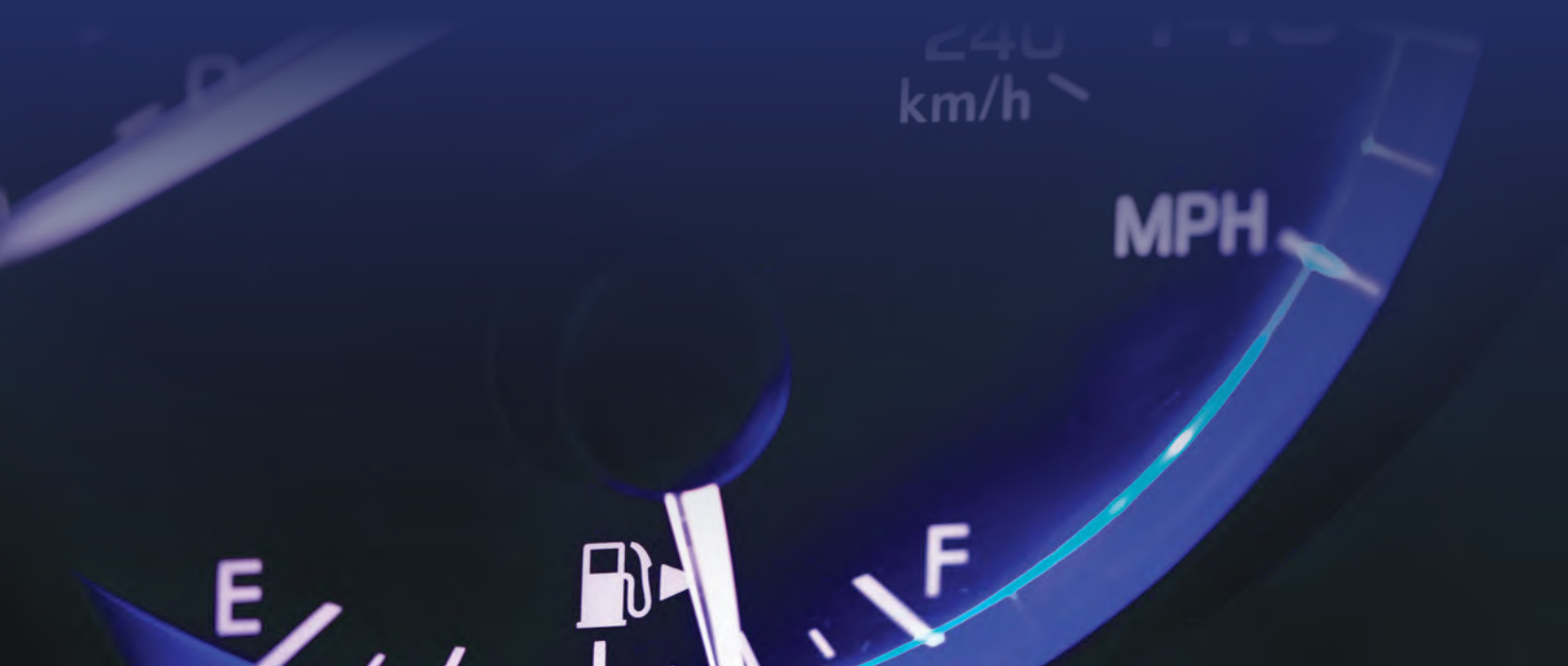
Superior Charge Acceptance



Up to 4x battery life

Key features

- ✓ Sealed Maintenance Free
- ✓ Special Grid and Paste Formulation





What is Stop-Start system

The Start-Stop system controls the engine to stop when the vehicle is not in movement and restarts the engine once the vehicle begins acceleration.

This technology helps to avoid energy loss and fuel consumption during engine idling by up-to 15%.

The role of Start-Stop battery

A Start-Stop vehicle requires an enhanced battery to properly function, as the engine is consistently starting and stopping at traffic.

Thus, special battery formulations are required to ensure enhanced durability and charge acceptance is provided to the battery that can withstand the severe driving conditions the battery will be experiencing

The RB Start-Stop series of batteries, have been specially designed and produced to ensure that our AGM and EFB batteries offer superior performance under the extreme pressures of high performance applications.

Automotive AGM Series

✓ 4 times longer cycle life vs conventional batteries

✓ 50% Higher charge acceptance

✓ Reinforced construction

✓ Superior vibration resistance

Model	Battery Group	Nominal Capacity (Ah) (C/20)	Cold Cranking Performance Amps (A)	Reserve Capacity (min)	Length (MM)	Width (MM)	Heigth (MM)	Total height (MM)	Gross weight (KGS) - Approx	Positive Plates	Negative Plates	Cell Layout
AGM LN2 RB V	LN2	60	680	100	242	175	190	190	18.67	6	7	-/+
AGM LN3 RB V	LN3	70	760	120	278	175	190	190	21.23	7	8	-/+
AGM LN4 RB V	LN4	80	800	140	315	175	190	190	24.10	8	9	-/+
AGM LN5 RB V	LN5	95	900	160	353	175	190	190	27.39	9	10	-/+

Automotive EFB Series

✓ High CCA performance

✓ Low Self Discharge

✓ High Vibration resistance

Model	Battery Group	Nominal Capacity (Ah) (C/20)	Cold Cranking Performance Amps (A)	Reserve Capacity (min)	Length (MM)	Width (MM)	Heigth (MM)	Total height (MM)	Gross weight (KGS) - Approx	Positive Plates	Negative Plates	Cell Layout
EFB-LN2 RB V	LN2	65	580	100	242	175	190	190	17.54	7	7	-/+
EBF-LN3 RB V	LN3	70	700	110	278	175	190	190	17.87	7	8	-/+
EFB-LN4 RB V	LN4	80	720	130	315	175	190	190	20.35	8	9	-/+
N-55 RB V	B24	55	400	70	237	128	200	221	13.85	7	6	-/+
T-110 RB V	D31	90	800	142	303	170	201	222	23.03	8	9	-/+
Q-85 RB V	D23	70	660	118	230.5	171.5	201	222.5	17.70	6	7	-/+

VRLA / AGM Motorcycle Battery

RB VRLA / AGM Batteries are constructed with Calcium alloy and absorbant glass mat technology to provide superior cranking and maintenance free use.

Leak Proof & No Liquid to Fill, you can be assured of the highest ampere and performance.



Model	Model Equil	Capacity	Weight (Kgs)	CCA	Dimensions MM			Cell Layout	Pcs Per Export Carton
					L	W	H		
RB2.5L-BS	YB2.5L	12V2.5Ah	1.08	30	80	68	105	- / +	20
RB3L-BS	GM3-3B	12V3Ah	1.26	60	95	55	112	- / +	12
RBZ3L-BS	YTX3L	12V3Ah	1.37	60	112	70	87	- / +	12
RBZ5L-BS	YTX4L	12V4Ah	1.52	80	112	70	87	- / +	12
RB5L-BS	GM5-3B	12V5Ah	2.08	80	119	60	128	- / +	12
RBZ7S	YTZ7	12V6Ah	2.07	90	112	70	105	- / +	12
RB7A-BS	YB7B-B	12V7Ah	2.56	100	145	56	134	+ / -	8
RB7L-BS	YTX7L	12V7Ah	2.64	100	112	70	131	- / +	8
RBS7A-BS	YTX7A	12V7Ah	2.40	100	151	86	93	+ / -	8
RB9A-BS	YB9	12V9Ah	3.05	120	137	76	138	+ / -	8
RB9L-BS	YTX-9	12V9Ah	2.95	120	151	86	106	+ / -	8



Flooded & AGM Marine - Leisure Batteries



**Built for dual
power application**



Heat-sealed covers



**Fully maintenance
free**



Warranty Up to 24 Month

RB Marine batteries are built with you in mind.

Utilizing world-leading technologies with a focus on quality, the RB Marine range of batteries cover both Flooded Maintenance Free for general applications as well as AGM batteries for heavy duty uses.



AGM Type

Model	AMPERE (C/20)	CCA (SAE)	RC (MIN)	Dimensions MM			Total height (MM)	Gross weight
				L	W	H		
M24	79	550	150	260	168	208	233.00	23
M27	92	800	200	306	168	208	231.50	28.5
M31	105	825	200	330	173	212	235.50	30.6

SMF Type

Model	AMPERE (C/20)	CCA (SAE)	RC (MIN)	Dimensions MM			Total height (MM)	Gross weight
				L	W	H		
M27	92	680	162	306	168	208	231.50	22.9

Deep Cycle Battery



High Performance



AGM Type & Low Maintenance Flat Plate Type



Long Shelf Life



For Solar, UPS and Standby applications



Special Paste Formulas

RB Deep Cycle battery range has been specially designed and produced to have exceptional performance and life...

With a range of deep cycle batteries, from the Low Maintenance Flat Plate, to the AGM types, our batteries cover a wide range of applications for the needs of today.



Flat Plate Deep Cycle

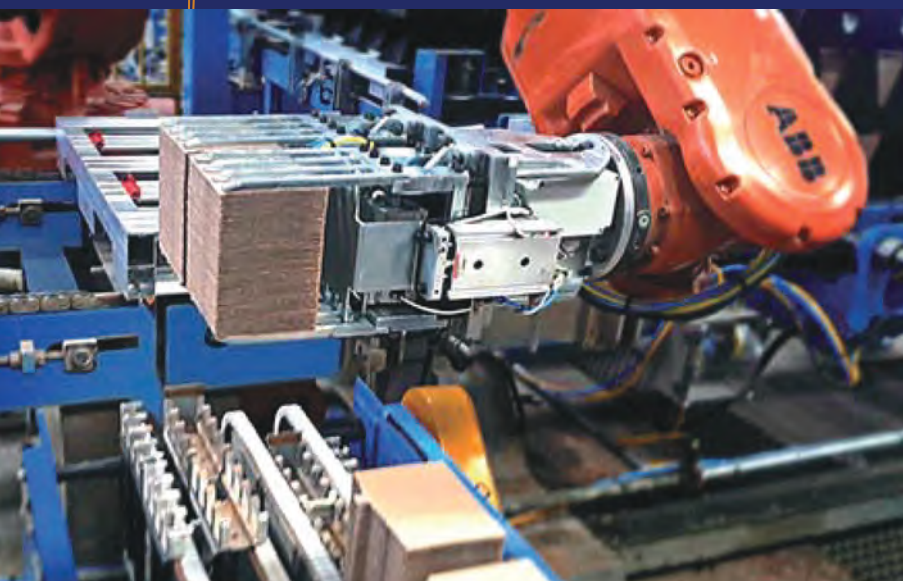
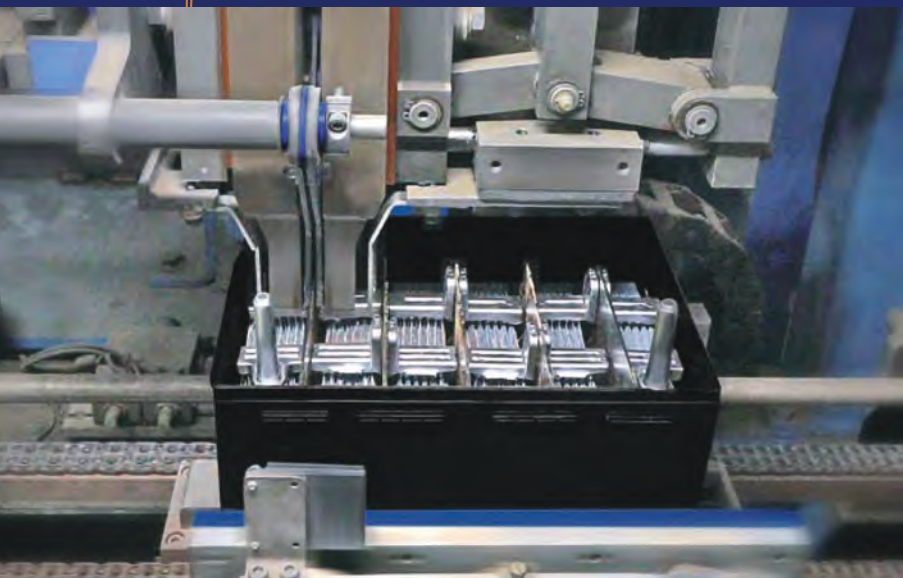
Model	Voltage	Ah Rating	Weight (Kgs)	Dimensions MM		
				L	W	H
EBZ 60 (T)	12	60	15.60	256	170	224
EBZ 80 (T)	12	80	19.00	303	170	224
EBZ 110 (T)	12	110	22.50	406	173	232
EBZ 110 (LL)	12	110	22.50	406	173	232
EBZ 120 (LL)	12	120	29.00	406	173	232
EBZ 160 (LL)	12	160	31.70	502	180	255
EBZ 200 (LL)	12	200	39.00	505	220	255
EBZ 200 (T)	12	200	39.00	505	220	255

VRLA / AGM Deep Cycle Type Battery

Model	Voltage	Ah Rating	Weight (Kgs)	Dimensions MM			UPS Warranty Period (year)
				L	W	H	
RB12V100-GS	12	100	30.00	332	175	243	2
RB12V120-GS	12	120	34.50	408	174	240	2
RB12V150-GS	12	150	42.50	483	170	240	2
RB12V200-GS	12	200	58.00	522	240	223	2

Gel Deep Cycle Type Battery

Model	Voltage	Ah Rating	Weight (Kgs)	Dimensions MM			UPS Warranty Period (year)
				L	W	H	
RB12V8-GA	12	8	2.22	151	65	100	2
RB12V12-GA	12	12	3.45	151	99	101	2
RB12V75-G	12	75	22.40	259	168	214	3
RB12V100-G	12	100	32.00	332	175	243	3
RB12V120-G	12	120	36.00	408	174	240	3
RB12V150-G	12	150	47.00	483	170	240	3
RB12V200-G	12	200	61.50	522	240	223	3



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