

An aerial photograph of a two-lane asphalt road winding through a dense green forest. A white car is visible on the road, moving away from the viewer. The road is flanked by thick vegetation and trees. In the upper right corner, there is a large, dark, rocky outcrop.

RB

Deep Cycle

Battery Catalogue

Solar Application • UPS Application • Golf Cart Application • Deep Cycle



Deep Cycle Battery: Golf Cart

High Reserve Capacity

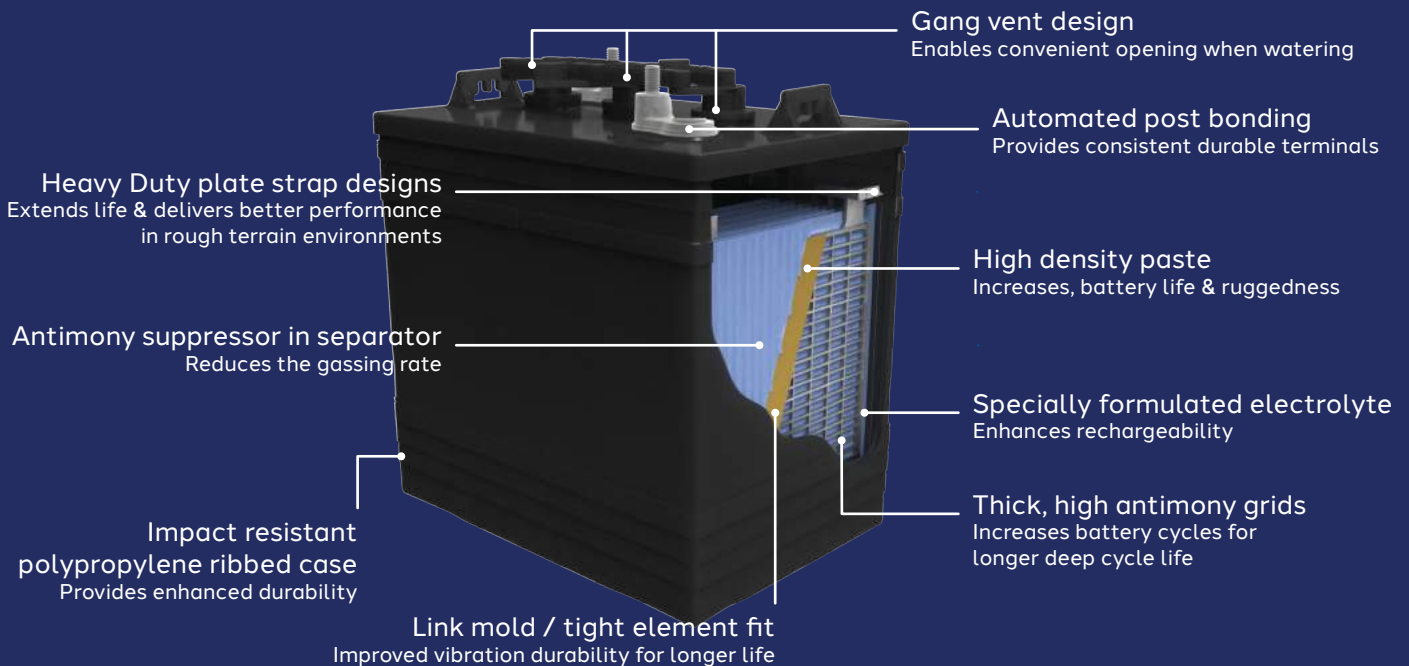
Easy to Recharge

Long Life Cycle

RB offers Golf Cart batteries with high reserve capacity and the longest cycle life. Choosing RB means fewer replacements and reliable performance.

Best of all, RB Golf Cart batteries are convenient to handle and easy to install.

Part No.	Voltage	Termination	Capacity Ah/20hours	Minutes Discharged		Approx. Weight	Battery Dimensions (MM)		
				75Amps	56Amps		L	W	H
GC2	6V	V	208	107	n/a	63 lbs.	262	181	278
			220	115		64 lbs.			
			232	122		67 lbs.			
GC8	8V	V	170	n/a	128	68 lbs.	262	181	278





Deep Cycle Battery: EB

Longer Discharge Ability

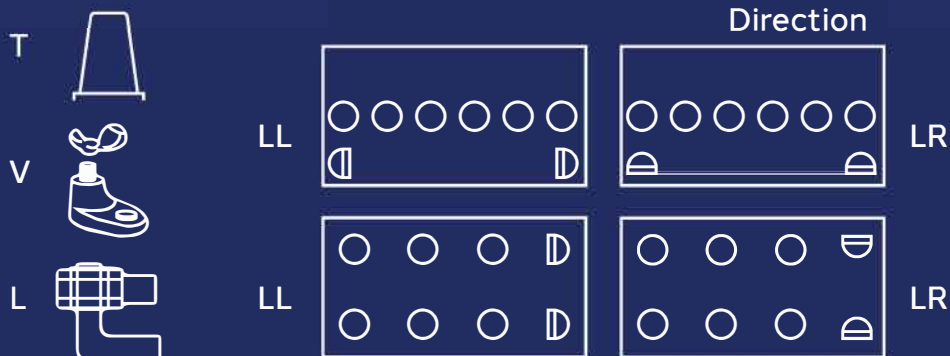
Larger and Thicker Plates

Corrosion Resistance

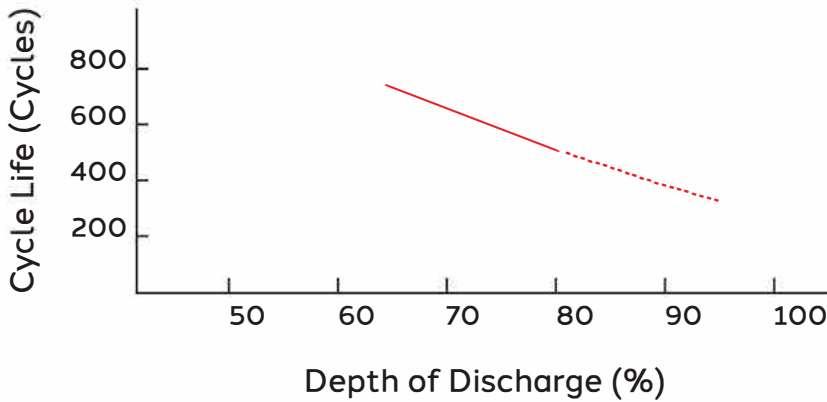
RB EB Battery provides reliable long discharge ability for all deep cycle applications. We are eager to supply the market with power to continue the technological revolution.

Model Name	Voltage	Ampere – 5 HR Rate	Ampere – 20 HR Rate	Battery Dimensions (MM)				App. Weight (KG) – No Acid	App. Weight (KG) – With Acid	App. Acid/ Battery (L)	Battery Charging Rate (AH)
				L	W	H	TH				
EBZ 30	12	25	30	195	127	200	222	7,3	10	2,11	3
EBZ 42	12	35	42	236	127	200	222	10,7	14	2,6	4
EBZ 60	12	50	60	256	170	201	224	15,1	20	3,8	6
EBZ 80	12	65	80	303	170	201	224	18,5	24,8	5,1	8
EBZ 110	12	90	110	406	173	209	232	22	31	7	11
EBZ 120	12	100	120	406	173	209	232	25,8	34,4	6,7	12
EBZ 160	12	130	160	502	180	210	255	31,2	42,5	8,8	16
EBZ 200	12	160	200	505	220	210	255	38,5	51	9,8	19

Terminal Type



Relations Between The Depth of Discharge and Life



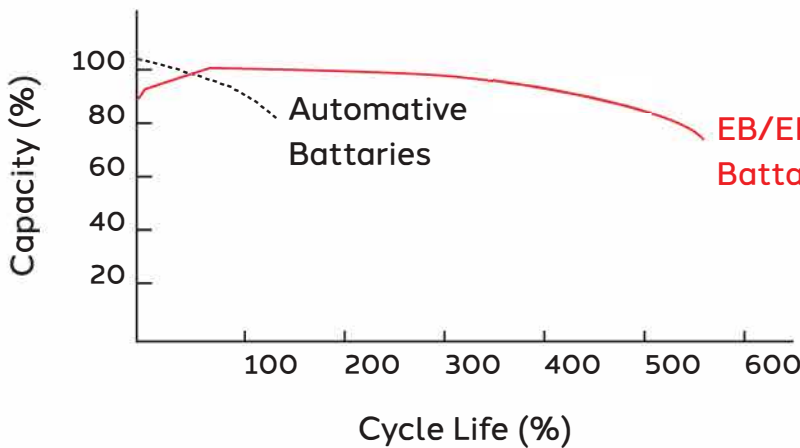
Test Conditions

1. Temperature: 30-45°C
 2. Charge: 120% of Discharge Amount
- End of life: less than 80% of rated capacity
S.G.: 1.280 (at 20°C)



Life of batteries is mostly affected by the depth of discharge. Repetition of deep discharge makes the life of batteries shorter.

Life Characteristics



Test Conditions

1. Temperature: 30-45°C
 2. Discharge: 0,267C(A) x 3h (80% Deep of Discharge), Final Voltage: 1,75Volts/Cell
 3. Charge: 120% of Discharge (AH) Constant Current Same as Discharge (0,267C)
- Final Life Cycle Stop at 80% of Capacity



As designed for cyclic services having 4 times longer life than automotive batteries.

VERVA

CATALOGUE

VRLA/GEL DEEP CYCLE BATTERY

MINI CAPACITY



Model Name	Voltage	Ampere (AH) - 10 HR Rate	Battery Dimensions (MM)			Approx. Weight (KG)
			L	W	TH	
RBV1.3	12V	1,3	97	53	59	0,58
RBV1.2	12V	2,2	178	61	67	0,95
RBV3.3	12V	3,3	134	61	67	1,37
RBV4	12V	4	90	102	108	1,45
RBV4.5	12V	4,5	90	102	108	1,50
RBV5	12V	5	90	102	108	1,72
RBV6	12V	6	151	93	98	1,80
RBV7	12V	7	151	94	100	2,13
RBV7.2	12V	7,2	151	94	100	2,25
RBV7.5	12V	7,5	151	94	100	2,25
RBV9	12V	9	151	94	100	2,45
RBV10	12V	10	151	111	117	3,02
RBV10C	12V	10	151	96	100	3,20
RBV12	12V	12	151	96	100	3,57
RBV17	12V	17	181	167	167	4,88
RBV20	12V	20	181	167	167	5,40
RBV24	12V	24	175	125	125	7,48
RBV26W	12V	26	175	125	125	8,03
RBV26B	12V	26	165	174	181	7,80
RBV26A	12V	26	165	174	181	8,46
RBV28W	12V	28	175	125	125	8,85
RBV33B	12V	33	194	172	175	9,85
RBV33A	12V	33	194	172	175	10,65
RBV38	12V	38	196	175	175	12,44
RBV40	12V	40	196	176	184	12,60
RBV55	12V	55	225	200	225	16,37
RBV100	12V	100	333	218	221	28,00

VRLA/GEL DEEP CYCLE BATTERY

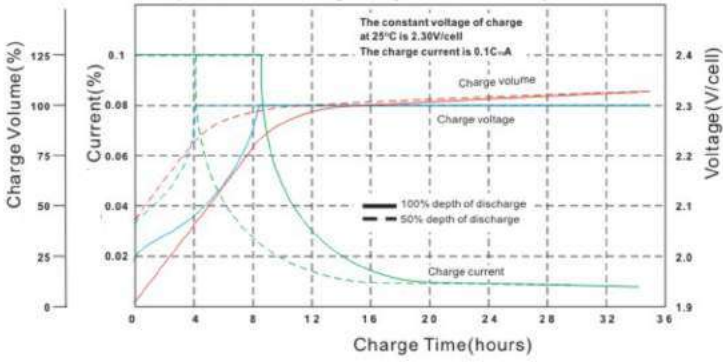
LARGE CAPACITY



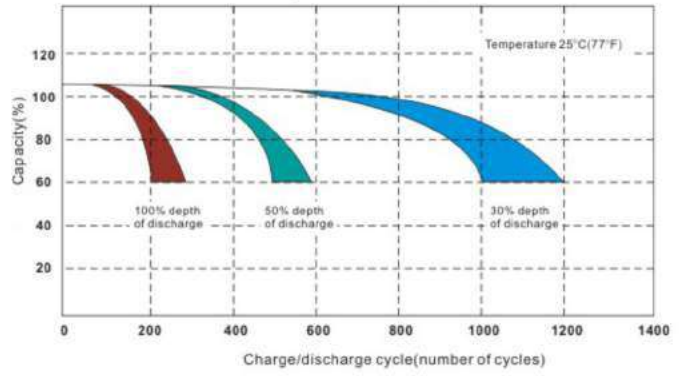
Model Name	Voltage	Ampere (AH) - 10 HR Rate	Battery Dimensions (MM)			Approx. Weight (KG)
			L	W	TH	
RBV65	12V	65	350	166	175	20,50
RBV75	12V	75	260	169	222	22,70
RBV85	12V	85	260	169	222	25,20
RBV90	12V	90	307	169	228	27,00
RBV100A	12V	100	333	172	221	31,30
RBV120	12V	120	404	171	238	37,20
RBV150	12V	150	483	170	275	43,90
RBV160	12V	160	532	209	245	50,90
RBV175	12V	175	532	209	245	51,00
RBV200	12V	200	522	240	245	60,80
RBV220	12V	220	522	240	245	65,70
RBV55R	12V	55	272	106	223	16,50
RBV75R	12V	75	563	115	188	24,80
RBV100	12V	100	394	110	286	32,50
RBV105R	12V	105	405	175	235	31,30
RBV150R	12V	150	520	268	220	45,60

Charge Characteristic

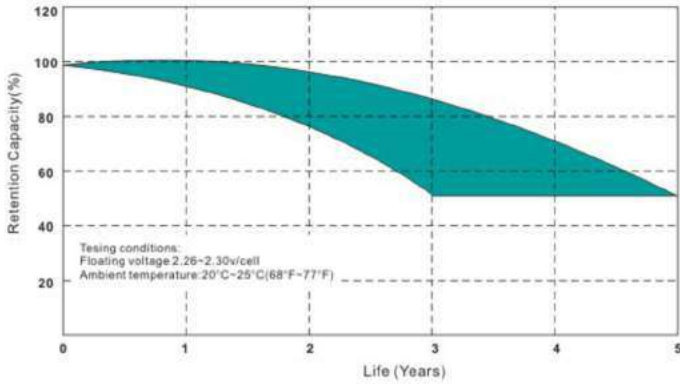
Example of constant-voltage charge characteristics by DOD



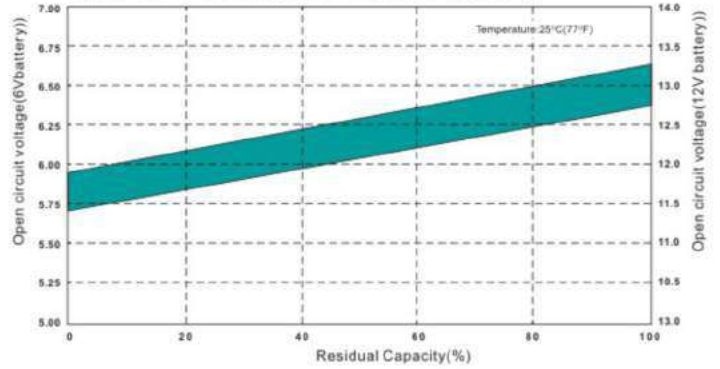
Cycle Service Life



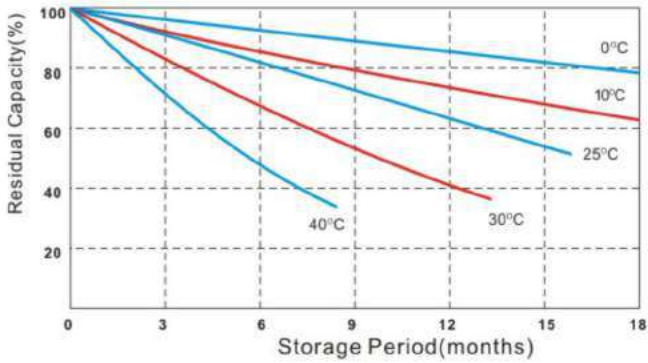
Float Life



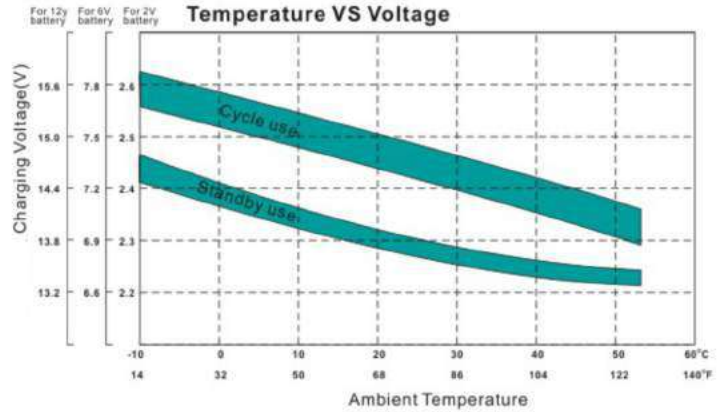
Open Circuit Voltage VS. Residual Capacity



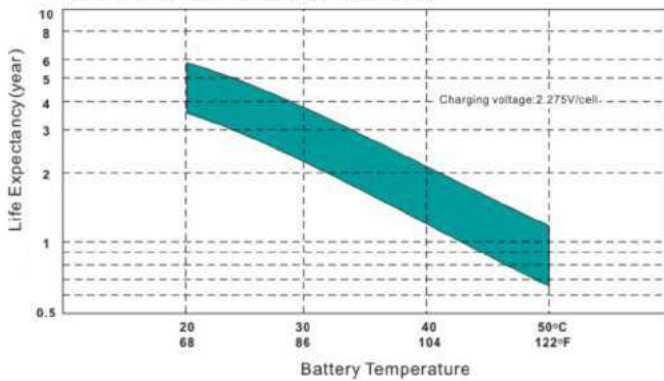
Residual Capacity



Temperature VS Voltage



Effect of Temperature on Float Life





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