

AGM (Absorbent Glass Mat)

Battery Size			Dimensions, mm				Dimensions, inches				Base Hold-	Layout	Terminal	Cover Type	Voltage, V	RC, min	C20, Ah	CCA (SAE), A
BCI	JIS	DIN/EN	TH	L	W	H	TH											
47	-	LN2	190	9.1	6.9	7.5	7.5	B13	0	A	B	12	100	60	720			
48	-	LN3	190	10.7	6.9	7.5	7.5	B13	0	A	B	12	120	70	800			
94R	-	LN4	190	12.2	6.9	7.5	7.5	B13	0	A	B	12	140	80	850			
49	-	LN5	190	13.6	6.9	7.5	7.5	B13	0	A	B	12	160	95	950			

EFB (Enhanced Flooded Battery)

Battery Size			Dimensions, mm				Dimensions, inches				Base Hold-	Layout	Terminal	Cover Type	Voltage, V	RC, min	C20, Ah	CCA (SAE), A
BCI	JIS	DIN/EN	TH	L	W	H	TH											
151R	B20	-	219	7.7	5.0	7.9	8.6	B00	0, 1	B	C	12	60	40	350			
51, 51R	B24	-	219	9.3	5.0	7.9	8.6	B00	0, 1	B	C	12	75	50	450			
25, 35	D23	-	220	9.2	6.8	7.9	8.7	B01	0, 1	A	C	12	110	65	630			
24, 24R	D26	-	223	10.2	6.8	8.0	8.8	B01	0, 1	A	C	12	140	80	730			
27, 27R	D31	-	223	12.0	6.8	8.0	8.8	B01	0, 1	A	C	12	165	90	830			
47	-	LN2	190	9.1	6.9	7.5	7.5	B13	0	A	B	12	115	70	650			
48	-	LN3	190	10.7	6.9	7.5	7.5	B13	0	A	B	12	140	80	750			
94R	-	LN4	190	12.2	6.9	7.5	7.5	B13	0	A	B	12	175	90	850			
49	-	LN5	190	13.6	6.9	7.5	7.5	B13	0	A	B	12	200	100	950			

HEB (High Endurance Battery)

Battery Size			Dimensions, mm				Dimensions, inches				Base Hold-	Layout	Terminal	Cover Type	Voltage, V	RC, min	C20, Ah	CCA (SAE), A
BCI	JIS	DIN/EN	TH	L	W	H	TH											
151R	B20	-	219	7.7	5.0	7.9	8.6	B00	0, 1	B	C	12	60	40	350			
51, 51R	B24	-	219	9.3	5.0	7.9	8.6	B00	0, 1	B	C	12	75	50	450			
25, 35	D23	-	220	9.2	6.8	7.9	8.7	B01	0, 1	A	C	12	110	65	630			
24, 24R	D26	-	223	10.2	6.8	8.0	8.8	B01	0, 1	A	C	12	140	80	730			
27, 27R	D31	-	223	12.0	6.8	8.0	8.8	B01	0, 1	A	C	12	165	90	830			
47	-	LN2	190	9.1	6.9	7.5	7.5	B13	0	A	B	12	115	70	650			
48	-	LN3	190	10.7	6.9	7.5	7.5	B13	0	A	B	12	140	80	750			
94R	-	LN4	190	12.2	6.9	7.5	7.5	B13	0	A	B	12	175	90	850			
49	-	LN5	190	13.6	6.9	7.5	7.5	B13	0	A	B	12	200	100	950			

MF (Maintenance Free)

Battery Size			Dimensions, mm				Dimensions, inches				Base Hold-	Layout	Terminal	Cover Type	Voltage, V	RC, min	C20, Ah	CCA (SAE), A
BCI	JIS	DIN/EN	TH	L	W	H	TH											
151R	B20	-	219	7.7	5.0	7.9	8.6	B00	0, 1	A, B	B, C	12	46	32	280			
													54	36	310			
													62	40	350			
													68	44	380			
													75	48	410			
51, 51R	B24	-	219	9.3	5.0	7.9	8.6	B00	0, 1	A, B	B, C	12	54	36	310			
													62	40	350			
													68	44	380			
													75	48	410			
													82	52	440			
													90	56	480			
-	N45	-	212	9.1	5.4	7.3	8.3	B06	0	DF	B	12	60	45	360			
25, 35	D23	-	220	9.2	6.8	7.9	8.7	B01	0, 1	A	B, C, D	12	65	38	350			
													80	50	450			
													100	65	550			
													125	75	650			
24, 24R	D26	-	223	10.2	6.8	8.0	8.8	B01	0, 1	A	B, C, D	12	65	38	350			
													80	50	450			
													100	65	550			
													125	75	650			
													160	90	750			
27, 27R	D31	-	223	12.0	6.8	8.0	8.8	B01	0, 1	A	B, C, D	12	80	50	450			
													100	65	550			
													125	75	650			
													160	90	750			
31	-	-	239	13.0	6.8	8.5	9.4	B01	1	A, Stud	B, C	12	175	95	830			
													100	65	550			
													125	75	650			
													160	90	750			
													180	100	900			
99, 99R	-	LBN1	175	8.2	6.9	6.9	6.9	B13	0	A	B	12	50	38	370			
													70	50	480			
													90	60	580			
90	-	LBN2	175	9.1	6.9	6.9	6.9	B13	0, 1	A	B	12	70	50	480			
													90	60	580			
													110	70	660			
91	-	LBN3	175	10.7	6.9	6.9	6.9	B13	0, 1	A	B	12	90	60	580			
													110	70	660			
													130	80	740			
													110	70	660			
92	-	LBN4	175	12.2	6.9	6.9	6.9	B13	0	A	B	12	130	80	740			
													160	90	800			
													130	80	740			
													160	90	800			
93	-	LBN5	175	13.6	6.9	6.9	6.9	B13	0	A	B	12	130	80	740			
													160	90	800			
													180	100	860			
													160	90	800			
140R	-	LN1	190	8.1	6.9	7.5	7.5	B13	0	A	B	12	75	50	450			
47	-	LN2	190	9.1	6.9	7.5	7.5	B13	0, 1	A	B	12	80	50	450			
													100	65	550			
													125	75	650			
													100	65	550			
48	-	LN3	190	10.7	6.9	7.5	7.5	B13	0, 1	A	B	12	125	75	650			
													160	90	750			
													100	65	550			
94R	-	LN4	190	12.2	6.9	7.5	7.5	B13	0, 1	A	B	12	125	75	650			
													160	90	750			
													175	95	830			
													160	90	750			
49	-	LN5	190	13.6	6.9	7.5	7.5	B13	0	A	B	12	175	95	830			
													180	100	900			
													210	110	1000			
													180	100	900			
													210	110	1000			
95R	-	LN6	190	15.5	6.9	7.5	7.5	B13	0	A	B	12	200	110	850			
34	-	-	203	10.2	6.5	7.2	8.0	B01	1	A	B	12	110	61	670			
58	-	-	175	9.8	6.9	6.1	6.9	B01	0, 1	A	B	12	70	50	480			
													90	60	580			
													110	70	660			
65	-	-	192	11.3	7.4	6.8	7.6	B01	1	A	B	12	90	60	580			
													110	70	660			
													130	80	740			
75, 86/75	-	-	182	8.9	7.0	7.2	7.2	B01	1	Side, DT	B	12	80	50	450			
													100	65	550			
													125	75	650			
78, 34/78	-	-	183	10.2	6.5	7.2	7.2	B01	1	Side, DT	B	12	87	48	520			
													110	61	670			
													122	67	720			
													139	77	820			
86	-	-	203	9.2	6.7	7.2	8.0	B05, B09	0	A, DF	B, C	12	79	43	470			
													94	52	570			
													110	61	670			

LM (Low Maintenance)

Battery Size			Dimensions, mm				Dimensions, inches				Base Hold-	Layout	Terminal	Cover Type	Voltage, V	RC, min	C20, Ah	CCA (SAE), A
BCI	JIS	DIN/EN	TH	L	W	H	TH											
151R	B20	-	219	7.7	5.0	7.9	8.6	B00	0, 1	B	A	12	40	27	245			
													50	34	285			
													53	37	320			
													60	40	350			
51, 51R	B24	-	219	9.3	5.0	7.9	8.6	B00	0, 1	A, B	A	12	40	27	245			
													50	34	285			
													53	37	320			
													60	40	350			
													68	47	385			
													75	50	450			
24, 24R	D26	-	222	10.2	6.8	7.9	8.7	B01	0, 1	A	A	12	60	40	340			
													80	50	410			
													95	60	470			
													115	70	540			
													80	50	410			
27, 27R	D31	-	223	12.0	6.8	8.0	8.8	B01	0, 1	A	A	12	95	60	470			
													115	70	540			
													135	80	600			
													155	90	670			
													80	50	410			