



SPECIFICATION TABLE

AGM (Absorbent Glass Mat)

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

EFB (Enhanced Flooded Battery)

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

HEB (High Endurance Battery)

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

MF (Maintenance-Free)

BCI	Battery Size		Dimensions, inches				Base Hold-Down	Layout	Terminal	Cover Type	Voltage (V)	RC, min	C20 (Ah)	CCA [SAE] (A)
	JIS	DIN/EN	L	W	H	TH								
151R	B20	-	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	-	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
-	N45	-	9.1	5.4	7.3	8.3	B06	0	DF	B	12	60	45	360
25, 35	D23	-	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	-	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	-	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
												175	95	830
31	-	-	13.0	6.8	8.5	9.4	B01	1	A, Stud	B, C	12	100	65	550
												125	75	650
												160	90	750
												175	95	830
												180	100	900
99, 99R	-	LBN1	8.2	6.9	6.9	6.9	B13	0	A	B	12	210	110	1000
												50	38	370
												70	50	480
90	-	LBN2	9.1	6.9	6.9	6.9	B13	0, 1	A	B	12	90	60	580
												70	50	480
												90	60	580
91	-	LBN3	10.7	6.9	6.9	6.9	B13	0, 1	A	B	12	110	70	660
												90	60	580
												130	80	740
92	-	LBN4	12.2	6.9	6.9	6.9	B13	0	A	B	12	110	70	660
												130	80	740
												160	90	800
93	-	LBN5	13.6	6.9	6.9	6.9	B13	0	A	B	12	130	80	740
												160	90	800
												180	100	860
140R	-	LN1	8.1	6.9	7.5	7.5	B13	0	A	B	12	75	50	450
47	-	LN2	9.1	6.9	7.5	7.5	B13	0, 1	A	B	12	80	50	450
												100	65	550
												125	75	650
48	-	LN3	10.7	6.9	7.5	7.5	B13	0, 1	A	B	12	100	65	550
												125	75	650
												160	90	750
94R	-	LN4	12.2	6.9	7.5	7.5	B13	0, 1	A	B	12	125	75	650
												160	90	750
												175	95	830
49	-	LN5	13.6	6.9	7.5	7.5	B13	0	A	B	12	175	95	830
												180	100	900
												210	110	1000

MF (Maintenance-Free)

Battery Size			Dimensions, inches				Base Hold-Down	Layout	Terminal	Cover Type	Voltage (V)	RC, min	C20 (Ah)	CCA [SAE] (A)
BCI	JIS	DIN/EN	L	W	H	TH								
95R	-	LN6	15.5	6.9	7.5	7.5	B13	0	A	B	12	200	110	850
34	-	-	10.2	6.5	7.2	8.0	B01	1	A	B	12	110	61	670
58	-	-	9.8	6.9	6.1	6.9	B01	0, 1	A	B	12	70	50	480
												90	60	580
												110	70	660
65	-	-	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	-	-	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	-	-	10.2	6.5	7.2	7.2	B01	1	Side, DT	B	12	87	48	520
												110	61	670
												122	67	720
86	-	-	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, inches				Base Hold-Down	Layout	Terminal	Cover Type	Voltage (V)	RC, min	C20 (Ah)	CCA [SAE] (A)
BCI	JIS	DIN/EN	L	W	TH									
151R	B20	-	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	-	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
24, 24R	D26	-	10.2	6.8	7.9	8.7	B01	0, 1	A	A	12	75	50	450
												60	40	340
												80	50	410
												95	60	470
27, 27R	D31	-	12.0	6.8	8.0	8.8	B01	0, 1	A	A	12	115	70	540
												80	50	410
												95	60	470
												135	80	600
												155	90	670

TERMINAL TYPE
A-PENCIL POST
B-STANDARD
C-SPECIAL MARINE
D-U1
E-STUD
F-DUAL MARINE
G-SIDE TERMINAL
H-DUAL TERMINAL

FINISH COVER-CONTAINER
M-M / MATTE-MATTE
G-M / GLOSSY-MATTE
G-G / GLOSSY-GLOSSY