

Battery Specifications



SLI Products Group

Effective January 1, 2015

High Performance Automotive Batteries

BCI Group	Model Description	Item Number	Electrical Capacity				Inches			Millimeters			Product Footnotes
			Volts	CCA Rating	CA Rating	RC Minutes	L	W	H	L	W	H	
MAINTENANCE FREE DUAL TERMINAL AUTOMOTIVE BATTERIES													
34/78	34/78-1000	A3478800	12	800	1000	110	10.25	7.00	8.19	260	178	208	CHJM
	34/78-600	A3478550	12	550	690	85	10.25	7.00	8.19	260	178	208	CHJM
35/75	75DT-1000	A3575700	12	700	875	90	9.13	7.13	8.13	232	181	207	CHJM
	75DT-600	A3575600	12	600	750	80	9.13	7.13	8.13	232	181	207	CHJM
MAINTENANCE FREE AUTOMOTIVE BATTERIES													
24	24-700	A24700	12	700	875	105	10.25	6.75	9.00	260	171	229	AHJM
	24-550	A24550	12	550	690	85	10.25	6.75	9.00	260	171	229	AHJM
24F	24F-700	A24F700	12	700	875	105	10.69	6.75	9.00	272	171	229	AHJM
	24F-550	A24F550	12	550	690	85	10.69	6.75	9.00	272	171	229	AHJM
25	25-500	A25500	12	500	625	100	9.63	7.00	8.88	245	178	226	AIM
26	26-500	A26500	12	500	625	65	8.25	6.81	8.25	210	173	210	AHJM
26R	26R-500	A26R500	12	500	625	65	8.25	6.81	8.25	210	173	210	AHJM
27	27-710	A27710	12	710	890	120	12.00	6.75	9.00	305	171	229	AIM
27F	27F-710	A27F710	12	710	890	120	12.50	6.75	9.00	318	171	229	AIM
34	34-650	A34650	12	650	810	90	10.25	6.75	8.19	260	171	208	AHJM
	34-525	A34525	12	525	650	70	10.25	6.75	8.19	260	171	208	AHJM
35	35-540	A35540	12	540	675	90	9.13	6.75	8.63	232	171	219	AIM
36R	36R-650	A36R650	12	650	810	120	10.25	7.25	7.88	260	184	200	AIM
40R	40R-590	A40R590	12	590	740	85	10.76	6.94	6.94	273	176	176	AIM
42	42-425	A42425	12	425	530	75	9.75	7.00	6.83	248	178	173	AIM
45	45-500	A45500	12	500	625	75	9.25	5.50	8.88	235	140	226	AIM
47/90	47-600	A47600	12	600	750	95	9.63	7.00	6.94	245	178	176	AHM
48/91	48-730	A48730	12	730	910	120	11.25	6.88	6.88	286	175	175	AHM
49/93	49-850	A49850	12	850	1060	155	14.00	7.00	6.78	356	178	172	AHJM
50	50-600	A50600	12	600	750	108	13.19	5.59	8.82	335	142	224	AIJM
51	51-500	A51500	12	500	625	85	9.32	4.94	8.66	237	125	220	AIM
51R	51R-500	A51R500	12	500	625	85	9.32	4.94	8.66	237	125	220	AIM
55	55-525	A55525	12	525	650	85	8.72	6.01	8.45	221	153	215	AIM
58	58-550	A58550	12	550	690	75	9.28	7.25	7.00	236	184	178	AIM
58R	58R-550	A58R550	12	550	690	75	9.28	7.25	7.00	236	184	178	AIM
65	65-875	A65875	12	875	1095	120	12.06	7.44	7.56	306	189	192	AIJM
	65-650	A65650	12	650	810	90	12.06	7.44	7.56	306	189	192	AIJM
70	70-450	A70450	12	450	560	65	8.25	7.25	7.38	210	184	187	EHJM
75	75-650	A75650	12	650	810	85	9.06	7.06	7.38	230	179	187	EHJM
	75-550	A75550	12	550	690	70	9.06	7.06	7.38	230	179	187	EHJM
78	78-800	A78800	12	800	1000	100	10.25	7.06	7.38	260	179	187	EHJM
	78-700	A78700	12	700	875	95	10.25	7.06	7.38	260	179	187	EHJM
	78-575	A78575	12	575	720	80	10.25	7.06	7.38	260	179	187	EHJM
79	79-840	A79840	12	840	1050	120	12.25	7.25	7.38	311	184	187	EHM
86	86-650	A86650	12	650	780	90	9.00	6.82	8.00	229	173	203	AIM
94R	94R-760	A94R760	12	760	950	130	12.25	6.82	7.43	311	173	189	AHJM
96R	96R-600	A96R600	12	600	750	95	9.63	6.94	6.82	245	176	173	AHJM



Made in America

Heavy Duty Commercial Batteries

BCI Group	Model Description	Item Number	Electrical Capacity				Inches			Millimeters			Product Footnotes
			Volts	CCA Rating	CA Rating	RC Minutes	L	W	H	L	W	H	
HEAVY DUTY COMMERCIAL 31 MAINTENANCE FREE STARTER BATTERIES													
31	31A-1100	C311100A	12	1100	1375	185	13.00	6.75	9.44	330	171	240	AHJKM
	31S-1100	C311100S	12	1100	1375	185	13.00	6.75	9.44	330	171	240	FHJKM
	31A-940	C31940A	12	940	1175	175	13.00	6.75	9.44	330	171	240	AHJKM
	31S-940	C31940S	12	940	1175	175	13.00	6.75	9.44	330	171	240	FHJKM
	31A-750	C31750A	12	750	940	165	13.00	6.75	9.44	330	171	240	AHJKM
	31S-750	C31750S	12	750	940	165	13.00	6.75	9.44	330	171	240	FHJKM
	31A-600	C31600A	12	600	750	130	13.00	6.75	9.44	330	171	240	AHJKM
	31S-600	C31600S	12	600	750	130	13.00	6.75	9.44	330	171	240	FHJKM
SEVERE DUTY COMMERCIAL 31 MAINTENANCE FREE STARTER BATTERIES													
31	31A-SD1000	C311000A	12	1000	1250	180	13.00	6.75	9.44	330	171	240	AHJKMT
	31S-SD1000	C311000S	12	1000	1250	180	13.00	6.75	9.44	330	171	240	FHJKMT
	31A-SD775	C31775A	12	775	970	175	13.00	6.75	9.44	330	171	240	AHJKMT
	31S-SD775	C31775S	12	775	970	175	13.00	6.75	9.44	330	171	240	FHJKMT
HEAVY DUTY COMMERCIAL STARTER BATTERIES													
4D	4D-1300	C4D1300	12	1300	1625	375	20.63	8.63	10.00	524	219	254	AIJM
	4D-1000	C4D1000	12	1000	1250	300	20.63	8.63	10.00	524	219	254	AIJM
8D	8D-1400	C8D1400	12	1400	1750	400	20.63	10.94	10.00	524	278	254	AIJM
	8D-1100	C8D1100	12	1100	1375	325	20.63	10.94	10.00	524	278	254	AIJM
8B	8B-1400	C8B1400	12	1400	1750	400	21.75	10.94	9.56	552	278	243	BIJM
	8B-1100	C8B1100	12	1100	1375	325	21.75	10.94	9.56	552	278	243	BIJM
4DLT	4DL-850	C4DL850	12	850	1060	250	20.00	8.13	8.13	508	206	207	AIJM
4H	4H-950	C04950	6	950	1190	300	12.63	7.00	9.50	321	178	241	AIM
30H	30H-950	C30950	12	950	1190	175	13.00	6.75	9.38	330	171	238	AIM
	30H-750	C30750	12	750	940	165	13.00	6.75	9.38	330	171	238	AIM
1	1-640	C01640	6	640	800	130	9.08	6.91	8.75	231	176	222	AIM
2	2-610	C02610	6	610	760	160	10.25	6.86	8.69	260	174	221	AIM
3EH	3EH-875	C3EH875	6	875	1095	250	19.19	4.28	9.75	487	109	248	AIM
8V1	V1-520	CV1520	8	520	650	100	9.08	6.91	8.75	231	176	222	AIM
3EE	3EE-400	C3EE400	12	400	500	90	19.19	4.28	8.56	487	109	217	AIM
3ET	3ET-460	C3ET460	12	460	575	105	19.19	4.28	9.56	487	109	243	AIM



31S-940



31S-SD775



1-640



4D-1000



8D-1400



27SDC



31SDC

BCI Group	Model Description	Item Number	Electrical Capacity				Inches			Millimeters			Product Footnotes
			Volts	20 Hr Amp Hour	CA Rating	RC Minutes	L	W	H	L	W	H	
SEVERE DUTY COMMERCIAL MAINTENANCE FREE BATTERIES													
24	24SDC	SD24085	12	85	690	105	10.19	6.81	9.50	259	173	241	DHJMT
27	27SDC	SD27105	12	105	875	125	12.94	6.81	9.38	329	173	238	DIJMT
31	31DTSDC	SD31120	12	120	1000	175	13.00	6.75	9.38	330	171	238	DHJMT
	31SDC	SD31120S	12	120	1000	175	13.00	6.75	9.44	330	171	240	FHJMT
4D	4DSDC	SD4D200	12	200	1625	375	20.63	8.63	10.00	524	219	254	AIJMT
8D	8DSDC	SD8D225	12	225	1845	430	20.63	10.94	10.00	524	278	254	AIJMT

Product References			Electrical Capacity				Inches			Millimeters			Product Footnotes
BCI Group	Model Description	Item Number	Volts	CCA Rating	CA Rating	RC Minutes	L	W	H	L	W	H	
UTILITY & SMALL ENGINE MAINTENANCE FREE STARTER BATTERIES													
22NF	22NF-400	S22NF	12	400	500	60	9.38	5.50	9.00	238	140	229	AIM
U1L	TRAC-XD	SU1L410	12	350	410	—	7.75	5.13	7.25	197	130	184	HM
	TRAC-HD	SU1L365	12	300	365	—	7.75	5.13	7.25	197	130	184	HM
	TRAC-MD	SU1L275	12	230	275	—	7.75	5.13	7.25	197	130	184	HM
	TRAC-LD	SU1L225	12	195	225	—	7.75	5.13	7.25	197	130	184	HM
U1R	TRAC-HDR	SU1R365	12	300	365	—	7.75	5.13	7.25	197	130	184	HM

Commercial Deep Cycle

BCI Group	Model Description	Item Number	Electrical Capacity				Inches			Millimeters			Product Footnotes
			Volts	20 Hr Amp Hour	5 Hr Amp Hour	RC Minutes	L	W	H	L	W	H	
COMMERCIAL DEEP CYCLE BATTERIES													
GC2	CR-205	D06205	6	205	170	105 / 75A	10.25	7.06	10.94	260	179	278	DIJL
	CR-220	D06220	6	220	180	110 / 75A	10.25	7.06	10.94	260	179	278	DGIJL
	CR-235	D06235	6	235	190	125 / 75A	10.25	7.06	10.94	260	179	278	DGIJL
	CR-240	D06240	6	240	195	135 / 75A	10.25	7.06	10.94	260	179	278	DGIJL
Euro GC	CR-E240	D06240E	6	240	195	135 / 75A	9.63	7.50	10.75	245	191	273	AIJL
GC2H	CR-260	D06260	6	260	215	150 / 75A	10.25	7.06	11.63	260	179	295	DGIJL
901	CR-250	D06250	6	250	200	140 / 75A	11.75	7.19	11.13	298	183	283	DIJL
	CR-275	D06275	6	275	225	155 / 75A	11.75	7.19	11.13	298	183	283	DIJL
902	CR-305	D06305	6	305	255	175 / 75A	12.19	7.19	14.13	310	183	359	DIJKL
	CR-330	D06330	6	330	270	190 / 75A	12.19	7.19	14.13	310	183	359	DIJKL
	CR-350	D06350	6	350	290	210 / 75A	12.19	7.19	14.13	310	183	359	DIJKL
903	CR-370	D06370	6	370	295	195 / 75A	12.38	7.19	16.13	314	183	410	DIJKL
	CR-390	D06390	6	390	310	215 / 75A	12.38	7.19	16.13	314	183	410	DIJKL
	CR-430	D06430	6	430	340	240 / 75A	12.38	7.19	16.13	314	183	410	DIJKL
GC8	CR-150	D08150	8	150	123	90 / 56A	10.31	7.06	10.82	262	179	275	FIJL
	CR-165	D08165	8	165	140	117 / 56A	10.31	7.06	10.82	262	179	275	FIJL
	CR-190	D08190	8	190	155	135 / 56A	10.31	7.06	10.82	262	179	275	FIJL
24	24DC95	D12095	12	95	75	140 / 25A	11.06	6.81	9.38	281	173	238	DIJL
27	27DC105	D12105	12	105	85	165 / 25A	12.94	6.81	9.38	329	173	238	DIJKL
	27DC115	D12115	12	115	95	180 / 25A	12.94	6.81	9.38	329	173	238	DIJKL
31	31DC130	D12130	12	130	105	200 / 25A	13.00	6.75	9.38	330	171	238	DIJKL
GC12	CR-GC150	DGC150	12	150	123	103 / 56A	12.92	7.06	10.53	328	179	267	DIJL
	CR-GC155	DGC155	12	155	125	110 / 56A	12.92	7.06	10.53	328	179	267	DIJL
920	CR-155	D12155	12	155	125	68 / 75A	13.63	6.75	12.00	346	171	305	GIJL
921	CR-185	D12185	12	185	150	85 / 75A	15.50	7.00	14.63	394	178	372	DIJKL
	CR-195	D12195	12	195	160	100 / 75A	15.50	7.00	14.63	394	178	372	DIJKL
	CR-215	D12215	12	215	180	118 / 75A	15.50	7.00	14.63	394	178	372	DIJKL



CR-235



CR-165



CR-430



MAR-800



24DP550

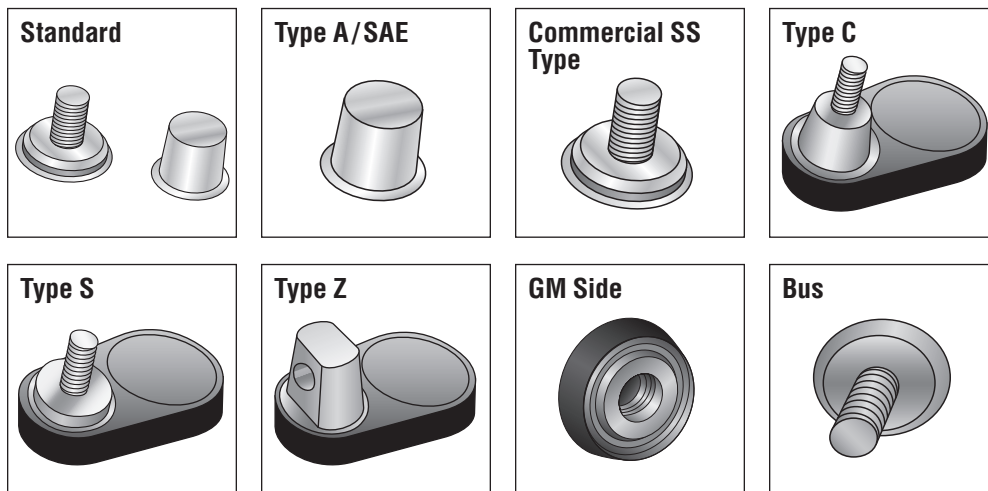


31T-1000

Seasonal Marine & Recreational Vehicle Batteries

BCI Group	Model Description	Item Number	Electrical Capacity				Inches			Millimeters			Product Footnotes
			20 Hr Amp Hour	MCA Rating	CCA Rating	RC Minutes	L	W	H	L	W	H	
12 VOLT MARINE STARTER BATTERIES													
24	MAR-1000	SM24800	—	1000	800	120 / 25A	10.19	6.81	9.50	259	173	241	DHJM
	MAR-800	SM24650	—	810	650	105 / 25A	10.19	6.81	9.50	259	173	241	DHJM
	MAR-600	SM24500	—	625	500	75 / 25A	10.19	6.81	9.50	259	173	241	DHJM
	MAR-500	SM24440	—	550	440	65 / 25A	10.19	6.81	9.50	259	173	241	DHJM
27	MAR-1000X	SM27800	—	1000	800	125 / 25A	12.94	6.81	9.38	329	172	241	DIJM
12 VOLT MARINE DUAL PURPOSE BATTERIES													
24	24DP550	SM24550	75 Ah	690	550	105 / 25A	11.06	6.81	9.38	281	173	238	DIJMT
27	27DP700	SM27700	100 Ah	875	700	125 / 25A	12.94	6.81	9.38	329	173	238	DIJMT
	27DP600	SM27600	90 Ah	750	600	110 / 25A	12.94	6.81	9.38	329	173	238	DIJMT
31	31DP800	SM31800	105 Ah	1000	800	180 / 25A	13.00	6.75	9.38	330	171	238	DIJMT
12 VOLT MARINE & RV DEEP CYCLE BATTERIES													
24	24T-1000	SM24085	85 Ah	625	500	135 / 25A	11.06	6.81	9.38	281	173	238	DIJL
	24T-800	SM24075	75 Ah	550	440	105 / 25A	11.06	6.81	9.38	281	173	238	DIJL
27	27T-1000	SM27095	95 Ah	845	650	170 / 25A	12.94	6.81	9.38	329	173	238	DIJL
	27T-800	SM27090	90 Ah	625	500	160 / 25A	12.94	6.81	9.38	329	173	238	DIJL
31	31T-1000	SM31105	105 Ah	1000	750	185 / 25A	13.00	6.75	9.38	330	171	238	DIJL

Available Terminal Styles



Key

A = Automotive / SAE Top Terminal
B = Bus / Hanging Terminal with Fastener
C = Dual Automotive / GM Side Terminal Design
D = Standard Terminal (Dual Automotive / Stainless Threaded Terminal)

E = GM Side Terminal
F = Commercial Threaded Stud Terminal
G = Refer to Terminal Requirement When Ordering: Type A; Type C; Type S; Type Z
H = CleanFit™ Maintenance Free Vented Cover Design
I = Cover with Raised Vent

J = Battery Fitted with Handle or Lifting Lug
K = PROeye Fluid Indicator (Option for Gr 24/27/31)
L = Antimony Alloy Construction: Low Maintenance Service
M = Calcium Alloy Construction: Maintenance Free Service
T = TightPack Cell Construction

Limited Warranty

- 1. Scope of Limited Warranty:** Free Replacement Period: All Crown batteries are warranted to be free from defects in material and workmanship. Any battery which demonstrates a defect in material and workmanship (discharged or sulfated batteries do not apply) within a Free Replacement Period specified by Crown Battery Manufacturing Company will be replaced or repaired at the option of Crown Battery, free of charge, except for the cost of transportation of the battery. Please reference your current Crown Battery Price Schedule to determine the Free Replacement Period available for Crown Battery's lineup of SLI battery products.
- 2. Limitations:** In all sales other than direct retail sales by the seller of batteries considered to be consumer products to individual consumers, the foregoing warranty is in lieu of all other warranties not expressly set forth herein, whether express, implied or statutory, including those of merchantability or fitness for a particular purpose. The seller's liability for breach of this warranty or for any other purpose is limited, at seller's option, to the replacement of the battery or a refund of the purchase price of the battery. In any event, the seller's maximum liability shall be limited to the refund of the price paid for the battery. **THE SELLER IS NOT RESPONSIBLE FOR ANY INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL COSTS, INCLUDING ANY EXPENSES FOR INSTALLATION, TOWING, ELECTRICAL SYSTEMS TESTS, CHARGING A BATTERY OR LOSS OF TIME. PLEASE NOTE: SOME STATES DO NOT ALLOW LIMITATION ON HOW LONG AN IMPLIED WARRANTY LASTS, OR EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU. THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS AND YOU MAY HAVE OTHER RIGHTS THAT VARY FROM STATE TO STATE.**
- 3. Exclusions:** The limited warranty does not apply to batteries that are only discharged, have broken containers, covers or damaged terminals, have been frozen, overcharged, sulfated, have foreign material or additive put in the electrolyte, or when evidence of neglect or abuse is present. The warranty does not apply if Crown Battery's proprietary manufacturing code markings have been tampered with or destroyed, if the battery is used in applications for which it is not designed, or if it was installed or charged in reverse. Batteries installed in electric vehicle applications must not be used to run auxiliary loads that are unaccounted for by the battery charging system, and such use will void the warranty.
- 4. Warranty Service:** Return the suspect battery to any factory service center or factory authorized distributor, wholesaler or dealer. If an authorized representative cannot be located, contact Crown Battery's Customer Service Department via phone **(+1.419.334.7181)** or email **(sales@crownbattery.com)**. An authorized factory representative will be appointed to perform warranty service.

Because Crown Battery is continually improving its products, specifications are subject to change without notice. The most current specifications are listed on the seller's website at www.crownbattery.com. The information included on the website may amend and supersede the information in this pamphlet. Purchasers are encouraged to visit the website to view the most current specifications.

Definitions

Cold Cranking Amperage: Cold Cranking Amperage is the discharge rating that a new, fully charged battery at 0°F (-18°C) can deliver for 30 seconds and maintain a terminal voltage equal to or higher than 1.20 volts per cell. This is the battery rating usually recommended by original equipment manufacturers.

Cranking Amperage / Marine Cranking Amperage: Cranking Amperage is the discharge rating that a new, fully charged battery at 32°F (0°C) can deliver for 30 seconds and maintain a terminal voltage equal to or higher than 1.20 volts per cell. This battery rating is not typically utilized by original equipment manufacturers.

Reserve Capacity Minutes: Reserve Capacity Minutes are the number of minutes which a new, fully charged battery at 80°F (27°C) can be discharged at 25 amperes and maintain a terminal voltage equal to or higher than 1.75 volts per cell.

Ampere Hour: An Ampere Hour is the total amount of electrical charge transferred when a current of 1 ampere flows for 1 hour. In terms of Ampere-Hours, this references how long a current of a specific amperage condition can be discharged before the battery achieves a per-cell voltage of 1.75 at 80°F (27°C).



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