

# Battery Specifications.



Effective April 2009

## SLI Products Group

### The Power Behind Performance

BCI Group	Model Number	Part Number	Electrical Capacity			Physical Specifications							Product Footnotes	
			CCA	CA	RC Min	L	Inches W	H	Millimeters L	W	H	Weight Lbs		Kgs
<b>HEAVY DUTY COMMERCIAL 31 MAINTENANCE FREE STARTING BATTERIES</b>														
31	31A-1000	1292A	1000	1250	185	12.94	6.75	9.44	329	171	240	61	27	AIJL
	31S-1000	1292S	1000	1250	185	12.94	6.75	9.44	329	171	240	61	27	GIJL
	31A-775	1290A	775	970	170	12.94	6.75	9.44	329	171	240	58	26	AIJL
	31S-775	1290S	775	970	170	12.94	6.75	9.44	329	171	240	58	26	GIJL
	31A-625	1291A	625	780	135	12.94	6.75	9.44	329	171	240	53	24	AIJL
	31S-625	1291S	625	780	135	12.94	6.75	9.44	329	171	240	53	24	GIJL
<b>SEVERE DUTY COMMERCIAL 31 MAINTENANCE FREE BATTERIES</b>														
31	31A-SD1000	1295A	1000	1250	185	12.94	6.75	9.44	329	171	240	62	28	AIJLM
	31S-SD1000	1295S	1000	1250	185	12.94	6.75	9.44	329	171	240	62	28	GIJLM
	31A-SD775	1294A	775	970	175	12.94	6.75	9.44	329	171	240	59	27	AIJLM
	31S-SD775	1294S	775	970	175	12.94	6.75	9.44	329	171	240	59	27	GIJLM
<b>6 &amp; 12 VOLT HEAVY DUTY COMMERCIAL BATTERIES</b>														
4H	4H-950 (6V)	1280	950	1200	300	12.63	7.00	9.50	321	178	241	49	22	AL
4D	4D-1300	1241	1300	1625	375	20.63	8.63	10.00	524	219	254	114	52	AJL
	4D-1000	1240	1000	1250	300	20.63	8.63	10.00	524	219	254	100	45	AJL
8D	8D-1475	1255A	1475	1845	430	20.63	10.94	10.00	524	278	254	132	60	AJL
	8D-1100	1256	1100	1375	340	20.63	10.94	10.00	524	278	254	118	53	AJL
8B	8B-1475	1255B	1475	1845	430	21.75	10.94	9.56	552	278	243	137	62	BJL
	8B-1100	1256B	1100	1375	340	21.75	10.94	9.56	552	278	243	122	55	BJL



31A-1000



31S-SD775



CR-200



CR-395



CR-210

**Made in America**

BCI Group	Model Number	Voltage	Electrical Capacity			Physical Specifications							Product Footnotes	
			20 Hr Ah	5 Hr Ah	RC Min	L	Inches W	H	Millimeters L	W	H	Weight Lbs		Kgs
<b>6, 8 &amp; 12 VOLT COMMERCIAL DEEP CYCLE BATTERIES</b>														
GC2	CR-180	6	180	165	90 @ 75	10.25	7.13	10.75	260	181	273	55	25	GJK
	CR-200	6	200	175	105 @ 75	10.25	7.13	10.75	260	181	273	60	27	EJK
	CR-225	6	225	185	115 @ 75	10.25	7.13	10.75	260	181	273	63	29	EJK
	CR-235	6	235	195	125 @ 75	10.25	7.13	10.75	260	181	273	68	31	EJK
GC2H	CR-245	6	245	215	145 @ 75	10.25	7.13	11.50	260	181	292	73	33	EJK
901	CR-250	6	250	215	140 @ 75	11.75	7.19	11.25	298	183	286	72	33	EJK
	CR-275	6	275	225	155 @ 75	11.75	7.19	11.25	298	183	286	76	34	EJK
902	CR-305	6	305	270	175 @ 75	12.19	7.19	14.13	310	183	359	92	42	EJKN
	CR-325	6	325	285	196 @ 75	12.19	7.19	14.13	310	183	359	100	45	EJKN
903	CR-350	6	350	320	210 @ 75	12.38	7.19	16.13	314	183	410	112	51	EJKN
	CR-395	6	395	345	225 @ 75	12.38	7.19	16.13	314	183	410	120	54	EJKN
GC8	CR-165	8	165	140	75 @ 75	10.31	7.13	10.75	262	181	273	64	29	GJK
	CR-190	8	190	155	85 @ 75	10.31	7.13	10.75	262	181	273	66	30	GJK
24	24DC85	12	85	70	110 @ 25	10.88	6.75	9.38	276	171	238	44	20	EJKN
	24DC95	12	95	75	140 @ 25	10.88	6.75	9.38	276	171	238	50	23	EJKN
27	27DC105	12	105	78	140 @ 25	12.63	6.75	9.38	321	171	238	51	23	EJKN
	27DC115	12	115	90	170 @ 25	12.63	6.75	9.38	321	171	238	60	27	EJKN
31	31DC130	12	130	105	200 @ 25	13.00	6.75	9.38	330	171	238	66	30	EJKN
920	CR-155	12	155	108	68 @ 75	13.63	6.75	12.25	346	171	311	87	40	HJK
921	CR-185	12	185	150	85 @ 75	15.50	7.00	14.50	394	178	368	108	49	HJKN
	CR-195	12	195	160	95 @ 75	15.50	7.00	14.50	394	178	368	123	56	EJKN
	CR-210	12	210	175	110 @ 75	15.50	7.00	14.50	394	178	368	131	59	EJKN

# Power. Driven.

## SLI Products Group



### High Performance Automotive Batteries

BCI Group	Model Number	Part Number	Electrical Capacity			Physical Specifications						Product Footnotes		
			CCA	CA	RC Min	Inches			Millimeters				Weight	
						L	W	H	L	W	H	Lbs	Kgs	
<b>12 VOLT DUAL TERMINAL AUTOMOTIVE BATTERIES</b>														
26/70	26/70-1000	1000	635	790	80	8.25	7.06	8.25	210	179	210	34	16	DIJL
	26/70-600	1003	475	590	65	8.25	7.06	8.25	210	179	210	30	14	DIJL
34/78	34/78-1000	1004	800	1000	105	10.25	7.00	8.19	260	178	208	43	19	DIJL
	34/78-800	1002	690	860	90	10.25	7.00	8.19	260	178	208	39	18	DIJL
35/75	35/75-1000	1177	700	875	100	9.13	7.13	8.13	232	181	207	36	16	DIJL
<b>12 VOLT DOMESTIC AUTOMOTIVE BATTERIES</b>														
22F	22F-450	1005	450	560	75	9.25	6.88	8.25	235	175	210	32	14	AL
24/24F	24/24F-800	1021	800	1000	120	10.25	6.75	9.00	260	171	229	45	21	CIJL
	24/24F-550	1031	550	690	85	10.25	6.75	9.00	260	171	229	39	18	CIJL
24	24-675	1025	675	850	105	10.25	6.75	9.00	260	171	229	42	19	AIJL
	24-440	1035	440	550	70	10.25	6.75	9.00	260	171	229	36	17	AL
24F	24F-675	1045	675	850	105	10.69	6.75	9.00	272	171	229	42	19	AIJL
25	25-500	1173	500	625	100	9.63	7.00	8.88	245	178	226	35	16	AJL
26/26R	26/26R-500	1111	500	625	65	8.25	6.81	8.25	210	173	210	29	13	CIJL
27	27-800	1085	800	1000	125	12.00	6.63	9.00	305	168	229	51	23	AJL
27F	27F-800	1100	800	1000	125	12.38	6.63	9.00	314	168	229	51	23	AJL
34	34-675	1113	675	850	90	10.25	6.75	8.19	260	171	208	39	18	AIJL
	34-525	1114	525	660	65	10.25	6.75	8.19	260	171	208	35	16	AIJL
35	35-540	1174	540	675	90	9.13	6.75	8.63	232	171	219	37	17	AL
36R	36R-650	1172	650	800	130	10.25	7.25	7.88	260	184	200	38	17	AL
40R	40R-590	1176	590	740	85	10.75	6.88	6.88	273	175	175	34	15	AL
50	50-600	1157	600	750	108	13.13	5.50	8.88	334	140	226	41	18	AJL
55	55-525	1150	525	650	85	8.56	6.06	8.38	217	154	213	29	13	AL
58	58-600	1140	600	750	80	9.31	7.25	7.00	236	184	178	32	15	AL
58R	58R-600	1142	600	750	80	9.31	7.25	7.00	236	184	178	32	15	AL
62	62-525	1135	525	660	85	8.75	6.38	9.00	222	162	229	31	14	AL
64	64-575	1153	575	720	95	11.75	6.38	9.00	298	162	229	41	19	AL
65	65-875	1154	875	1100	120	12.06	7.44	7.56	306	189	192	48	22	AJL
	65-650	1156	650	810	90	12.06	7.44	7.56	306	189	192	42	19	AJL
70	70-500	1120	500	625	65	8.75	7.25	7.38	222	184	187	29	13	FIJL
75	75-690	1083	690	865	90	9.13	7.06	7.38	232	179	187	37	17	FIJL
	75-550	1086	550	690	65	9.13	7.06	7.38	232	179	187	33	15	FIJL
78	78-800	1084	800	1000	105	10.25	7.06	7.38	260	179	187	42	19	FIJL
	78-575	1081	575	720	80	10.25	7.06	7.38	260	179	187	36	16	FIJL
79	79-840	1088	840	1050	120	12.25	7.25	7.38	311	184	187	42	19	FIL



34/78-1000



24-675



35-540



24/24F-800



65-875



78-800

# Automotive, Marine & RV, Lawn & Garden and Commercial Farm Batteries

BCI Group	Model Number	Part Number	Electrical Capacity			Physical Specifications							Product Footnotes	
			CCA	CA	RC Min	Inches			Millimeters			Weight		
						L	W	H	L	W	H	Lbs	Kgs	
<b>12 VOLT IMPORT AUTOMOTIVE BATTERIES</b>														
41	41-650	1175	650	810	105	12.25	6.88	6.88	311	175	175	35	16	AJL
42	42-425	1180	425	530	75	9.75	7.00	6.75	248	178	171	28	13	AL
45	45-500	1190	500	625	75	9.25	5.50	8.88	235	140	226	29	13	AL
47/90	47/90-600	1194	600	750	85	9.63	7.00	6.88	244	178	175	30	14	AIL
48/91	48/91-650	1200	650	810	120	11.25	6.88	6.88	286	175	175	35	16	AIJL
49/93	49/93-825	1195	825	1030	155	14.25	6.88	6.88	362	175	175	42	19	AIJL
51	51-500	1201	500	625	85	9.38	5.00	8.75	238	127	222	28	13	AL
51R	51R-500	1202	500	625	85	9.38	5.00	8.75	238	127	222	28	13	AL
94R	94R-730	1203	730	910	120	12.44	6.94	7.50	316	176	191	49	22	AIJL
<b>12 VOLT LAWN &amp; GARDEN – UTILITY STARTING BATTERIES</b>														
U1L	TRAC-390	1401	300	390	40	7.75	5.25	7.38	197	133	187	17	8	IL
	TRAC-275	1403	230	275	30	7.75	5.25	7.38	197	133	187	15	7	IL
	TRAC-225	1407	195	225	20	7.75	5.25	7.38	197	133	187	14	6	IL
U1R	TRAC-390R	1400	300	390	40	7.75	5.25	7.38	197	133	187	17	8	IL
<b>12 VOLT MARINE STARTING BATTERIES</b>														
24	MAR-1000	1423	800	1000	120	10.88	6.75	9.38	276	171	238	46	21	EJL
	MAR-800	1421	675	850	105	10.88	6.75	9.38	276	171	238	44	20	EJL
	MAR-600	1418	500	625	75	10.88	6.75	9.38	276	171	238	39	18	EJL
	MAR-500	1415	440	550	65	10.88	6.75	9.38	276	171	238	37	17	EJL
27	MAR-1000X	1429	800	1000	150	12.63	6.75	9.38	321	171	238	51	23	EJL
<b>12 VOLT MARINE DEEP CYCLE &amp; DUAL PURPOSE BATTERIES</b>														
24	24DC95	1424	160	140	730	10.88	6.75	9.38	276	171	238	50	23	EJK
	24DC85	1425	140	110	560	10.88	6.75	9.38	276	171	238	44	20	EJK
	24DP550	1419	550	690	85	10.88	6.75	9.38	276	171	238	40	18	EJL
27	27DC115	1427	195	170	845	12.63	6.75	9.38	321	171	238	60	27	EJK
	27DC105	1426	160	140	625	12.63	6.75	9.38	321	171	238	51	23	EJK
31	31DC130	1428	230	200	1000	13.00	6.75	9.38	330	171	238	66	30	EJK
<b>6, 8 &amp; 12 VOLT FARM &amp; COMMERCIAL BATTERIES</b>														
1	1-640	2001	6V	640	130	9.08	6.91	8.75	231	176	222	31	14	AL
2	2-610	2002	6V	610	160	10.33	6.91	8.75	262	176	222	37	17	AL
3EH	3EH-875	2003	6V	875	250	19.25	4.34	10.08	489	110	256	51	23	AL
8V1	V1-520	2004	8V	520	100	9.08	6.91	8.75	231	176	222	33	15	AL
3EE	3EE-400	2005	12V	400	90	19.25	4.34	8.75	489	110	222	44	20	AL
3ET	3ET-460	2006	12V	460	105	19.25	4.34	9.72	489	110	247	50	23	AL
22NF	22NF-400	1320	12V	400	60	9.25	5.50	8.88	235	140	226	27	12	AL
29NF	29NF-400	1155	12V	400	75	13.00	5.50	8.88	330	140	226	39	18	AL
30HR	30H-775	1286	12V	775	170	12.93	6.75	9.25	328	171	235	59	27	AJL
4DLT	4DL-850	1370	12V	850	250	19.88	8.25	7.88	505	210	200	90	41	AL



45-500



24DP-550



31DC130



MAR-1000



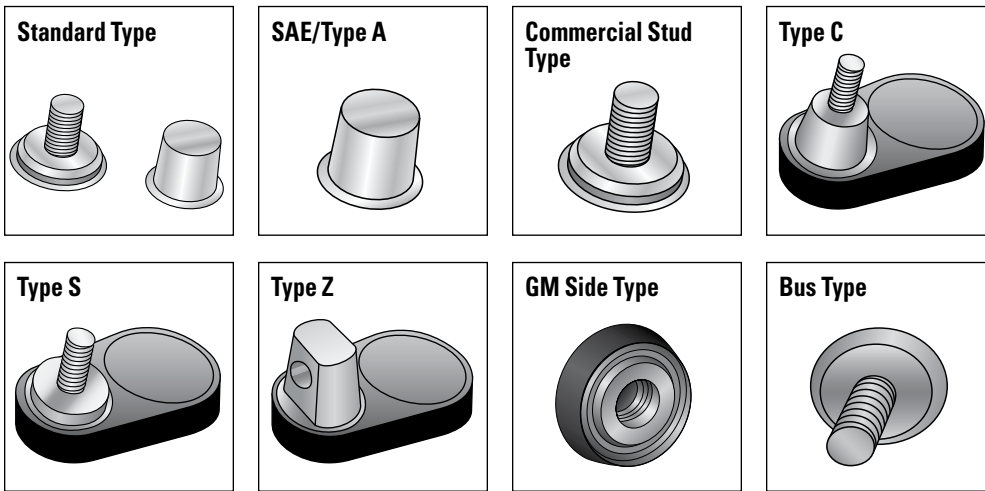
27DC115



1-640



# Available Terminal Styles



## KEY

<b>A</b> = SAE "Automotive" Top Terminal	<b>E</b> = Standard (Dual SAE / Stainless Threaded Terminal)	<b>J</b> = Battery Fitted with Handle or Lifting Lug
<b>B</b> = "Bus" Type Hanging Terminal	<b>F</b> = GM Side Terminal	<b>K</b> = Antimonial Construction – Low Maintenance Battery
<b>C</b> = Centerline SAE "Automotive" Top Terminal	<b>G</b> = Stainless Steel Threaded Stud Terminal Only	<b>L</b> = Calcium / Calcium Construction – Maintenance Free Battery
<b>D</b> = Dual SAE / GM Side Terminal Design	<b>H</b> = Refer to Terminal Requirement When Ordering: A/T, CT, ST, ZT	<b>M</b> = Superlocked Element Construction
	<b>I</b> = Flush Manifold Vented Cover	<b>N</b> = PROeye™ Electrolyte Indicator

## Limited Warranty and Adjustment Policy

- 1. 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. After the Free Replacement Period has expired, the battery will be adjusted on a Pro-Rata basis. 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. Pro-Rata Adjustment:** The adjustment Pro-Rata amount may be found by dividing the current suggested list price of the battery by the number of months in the warranty period, then multiplying by the number of months the customer has owned the battery.
- 3. Limitations:** The seller's liability is limited to the replacement of the battery. The seller is not responsible for any installation costs, loss of time, or other consequential damage or cost incurred. The 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 codes 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. Please note: these limitations may not apply in some states or provinces.
- 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 or email. An authorized factory representative will be appointed to perform warranty service.

## 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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