

# TOUGH WORK. TOUGH POWER.

## STARTER BATTERY PRODUCT SPECIFICATIONS

### ADVANCED SOLUTIONS TO GET EVERY WORKDAY ROLLING

Crown Battery offers a full line of starter batteries featuring robust design, the latest proven, powerful technology and expert construction to ensure the vehicles and equipment you count on crank over and get down to business. Every day. Everywhere.

Our batteries are relentlessly dependable and perfect for the toughest jobs. Whether powering breakthrough innovations for OTR, construction, material handling, or a host of other industries, Crown Battery produces the power solution that delivers for your application.



BCI GROUP	MODEL DESCRIPTION	ITEM NUMBER	CCA RATING	CA RATING	RC RATING	LENGTH		WIDTH		HEIGHT		WEIGHT		CORE UNIT VALUE	PRODUCT NOTES
						IN	MM	IN	MM	IN	MM	LBS	KGS		
<b>XD SERIES - 12-VOLT - AUTOMOTIVE BATTERIES</b>															
34/78	34/78-XD	A3478XD	750	935	120	10.25	260	7.06	179	7.88	200	37.0	16.8	1.0	1,4,7,14
24	24-XD	A24XD	675	840	125	10.25	260	6.81	173	8.88	226	40.0	18.1	1.0	1,4,5,14
	24-HD	A24HD	550	685	100	10.25	260	6.81	173	8.88	226	37.0	16.8	1.0	1,4,5,14
24F	24F-XD	A24FXD	675	840	125	10.75	273	6.81	173	9.00	229	40.0	18.1	1.0	1,4,5,14
25	25-XD	A25XD	540	675	90	9.06	230	6.94	176	9.00	229	32.0	14.5	1.0	1,4,5,14
26	26-XD	A26XD	575	715	110	8.19	208	6.81	173	7.75	197	30.0	13.6	1.0	1,4,5,14
	26-HD	A26HD	500	625	75	8.19	208	6.81	173	7.75	197	26.0	11.8	1.0	1,4,5,14
26R	26R-XD	A26RXD	575	715	110	8.19	208	6.81	173	7.75	197	30.0	13.6	1.0	1,4,5,14
	26R-HD	A26RHD	500	625	75	8.19	208	6.81	173	7.75	197	26.0	11.8	1.0	1,4,5,14
27	27-XD	A27XD	750	935	140	12.06	306	6.81	173	8.69	221	45.0	20.4	1.0	1,4,5,14
27F	27F-XD	A27FXD	750	935	140	12.50	318	6.81	173	8.69	221	45.0	20.4	1.0	1,4,5,14
34	34-XD	A34XD	690	860	130	10.25	260	6.81	173	7.88	200	35.5	16.1	1.0	1,4,5,14
35	35-XD	A35XD	540	675	90	9.06	230	6.94	176	8.88	226	33.5	15.2	1.0	1,4,5,14
36R	36R-XD	A36RXD	650	810	130	10.25	260	7.19	183	7.88	200	37.0	16.8	1.0	1,4,5,14
40R	40R-XD	A40RXD	650	810	125	11.00	279	6.94	176	6.94	176	34.0	15.4	1.0	1,4,5,14
45	45-HD	A45HD	500	625	55	9.44	240	5.50	140	8.94	227	29.5	13.4	1.0	1,4,5,14
47 / L2	47-XD	A47XD	650	810	125	9.56	243	6.94	176	7.50	191	33.0	15.0	1.0	1,4,5,14
48 / L3	48-XD	A48XD	690	860	130	11.00	279	6.94	176	7.50	191	40.0	18.1	1.0	1,4,5,14
49 / L5	49-XD	A49XD	900	1125	195	13.94	354	6.94	176	7.50	191	51.0	23.1	1.0	1,4,5,14
51	51-XD	A51XD	500	625	85	9.38	238	5.06	129	8.75	222	27.0	12.2	1.0	1,4,5,14
51R	51R-XD	A51RXD	500	625	85	9.38	238	5.06	129	8.75	222	27.0	12.2	1.0	1,4,5,14
58	58-XD	A58XD	580	725	100	10.06	256	7.19	183	6.94	176	28.5	12.9	1.0	1,4,5,14
58R	58R-XD	A58RXD	580	725	100	10.06	256	7.19	183	6.94	176	28.5	12.9	1.0	1,4,5,14
59	59-XD	A59XD	590	735	100	9.56	243	7.56	192	7.56	192	31.0	14.1	1.0	1,4,5,14
65	65-XD	A65XD	850	1060	145	12.00	305	7.44	189	7.50	191	40.0	18.1	1.0	1,4,5,14
	65-HD	A65HD	700	875	115	12.00	305	7.44	189	7.50	191	37.5	17.0	1.0	1,4,5,14
70	70-HD	A70HD	500	625	80	8.19	208	7.06	179	7.31	186	27.0	12.2	1.0	1,4,6,14
75	75-XD	A75XD	635	790	120	9.06	230	7.06	179	7.31	186	33.0	15.0	1.0	1,4,6,14
78	78-XD	A78XD	750	935	120	10.25	260	7.06	179	7.31	186	36.0	16.3	1.0	1,4,6,14
85	85-XD	A85XD	610	760	105	9.06	230	6.81	173	8.00	203	31.0	14.1	1.0	1,4,5,14
86	86-XD	A86XD	530	660	90	9.06	230	6.81	173	8.00	203	29.0	13.2	1.0	1,4,5,14
90	90-XD	A90XD	600	750	100	9.56	243	6.81	173	6.94	176	30.0	13.6	1.0	1,4,5,14
94R / L4	94R-XD	A94RXD	800	1000	170	12.44	316	6.94	176	7.00	178	44.0	20.0	1.0	1,4,5,14
96R	96R-XD	A96RXD	610	760	110	9.50	241	7.00	178	6.00	152	31.0	14.1	1.0	1,4,5,14
121R	121R-XD	A121RXD	530	660	95	8.25	210	6.94	176	8.00	203	29.0	13.2	1.0	1,4,5,14
124R	124R-XD	A124RXD	670	835	130	10.25	260	6.81	173	8.00	203	37.5	17.0	1.0	1,4,5,14
151R	151R-HD	A151RHD	330	410	55	7.44	189	4.94	125	8.00	203	20.0	9.1	1.0	1,4,5,14
<b>ECB SERIES - 12-VOLT - ENHANCED CROWN BATTERIES</b>															
24	24-ECB-SD	A24SDECB	800	1000	100 Ah	10.25	260	6.75	171	9.00	229	48.0	21.8	1.0	1,4,5,14
	24-ECB	A24ECB	650	810	60 Ah	10.25	260	6.75	171	9.00	229	38.0	17.2	1.0	1,4,5,14
24F	24F-ECB	A24FECB	650	810	60 Ah	10.69	272	6.75	171	9.00	229	38.0	17.2	1.0	1,4,5,14
27	27-ECB	A27ECB	700	875	65 Ah	12.00	305	6.75	171	9.00	229	44.0	20.0	1.0	1,5,14
34	34-ECB	A34ECB	625	780	55 Ah	10.25	260	6.75	171	8.19	208	35.0	15.9	1.0	1,4,5,14
47	47-ECB	A47ECB	600	750	60 Ah	9.63	245	6.88	175	7.50	191	33.5	15.2	1.0	1,4,5,14
48	48-ECB	A48ECB	730	910	70 Ah	11.00	279	6.88	175	7.50	191	40.0	18.1	1.0	1,4,5,14
51	51-ECB	A51ECB	500	625	50 Ah	9.32	237	4.94	125	8.66	220	27.5	12.5	1.0	1,5,14
65	65-ECB	A65ECB	850	1060	85 Ah	12.06	306	7.44	189	7.56	192	44.0	20.0	1.0	1,4,5,14
<b>CROWN I SERIES - 12-VOLT - AGM AUTOMOTIVE BATTERIES</b>															
24F	CRV-24F	AGM24F	750	935	140	10.25	260	6.81	173	8.88	226	46.0	20.9	1.0	3,4,5,15
AGM47	CRV-47	AGM47	680	850	110	9.56	243	6.94	176	7.50	191	39.5	17.9	1.0	3,4,5,15
AGM48	CRV-48	AGM48	760	950	140	11.00	279	6.94	176	7.50	191	45.0	20.4	1.0	3,4,5,15
AGM49	CRV-49	AGM49	850	1060	180	13.81	351	6.94	176	7.50	191	56.5	25.6	1.0	3,4,5,15
AGM51	CRV-51	AGM51	325	405	60	9.25	235	5.00	127	8.63	219	29.5	13.4	1.0	3,13,15
AGM65	CRV-65	AGM65	775	965	150	12.00	305	7.44	189	7.50	191	46.5	21.1	1.0	3,4,5,15
AGM94R	CRV-94R	AGM94R	800	1000	160	12.44	316	6.94	176	7.50	191	51.0	23.1	1.0	3,4,5,15



# STARTER BATTERY PRODUCT SPECIFICATIONS

EFFECTIVE OCTOBER 1, 2024

BCI GROUP	MODEL DESCRIPTION	ITEM NUMBER	CCA RATING	CA RATING	STORAGE CAPACITY	LENGTH		WIDTH		HEIGHT		WEIGHT		CORE UNIT VALUE	PRODUCT NOTES
						IN	MM	IN	MM	IN	MM	LBS	KGS		
<b>CROWN1 SERIES - 12-VOLT - AGM AUTOMOTIVE AUXILIARY BATTERIES</b>															
401	AUX12	AGM401	—	—	12 Ah	5.94	151	3.43	87	5.12	130	9.5	4.3	—	3,12
400	AUX14	AGM400	—	—	14 Ah	5.94	151	3.43	87	5.71	145	10.5	4.8	—	3,12
AUX	AUX24	AGM12024	—	—	24 Ah	8.07	205	3.43	87	6.38	162	18.0	8.2	—	3,12
<b>XD SERIES - 12-VOLT - MARINE &amp; RV STARTER BATTERIES</b>															
24	MAR-24XD	SM24XD	800	1000	140 / 25A	10.25	260	6.81	173	8.88	226	42.0	19.1	1.0	1,4,9,14
	MAR-24HD	SM24HD	650	810	120 / 25A	10.25	260	6.81	173	8.88	226	37.0	16.8	1.0	1,4,9,14
<b>ECB SERIES - 12-VOLT - ENHANCED CROWN MARINE BATTERIES</b>															
24	MAR-1000	SM24ECBXD	800	1000	80 Ah	10.19	259	6.81	173	9.50	241	43.0	20.6	1.0	1,4,9,14
24	MAR-800	SM24ECBHD	650	810	65 Ah	10.19	259	6.81	173	9.50	241	37.0	18.4	1.0	1,4,9,14
27	MAR-1000X	SM27ECBXD	835	1040	90 Ah	12.95	329	6.81	173	9.38	238	48.0	24.0	1.0	1,4,9,14
<b>CROWN1 SERIES - 12-VOLT - AGM MARINE BATTERIES</b>															
24	CRV-24M	AGM24M	750	935	80 Ah	11.26	286	6.75	171	9.38	238	52.0	23.6	1.0	3,4,9,15
27	CRV-27M	AGM27M	725	900	98 Ah	13.00	330	6.75	171	9.38	238	58.0	26.3	1.0	3,4,9,15
31	CRV-31M	AGM31M	950	1185	105 Ah	13.00	330	6.77	172	9.38	238	76.0	34.5	1.5	3,4,9,15
<b>XD SERIES - 12-VOLT - DEEP CYCLE MARINE &amp; RV BATTERIES</b>															
24	24MDC	SM24MDC	550	685	80	10.25	260	6.81	173	8.88	226	37.0	16.8	1.0	1,4,9,14
27	27MDC	SM27MDC	850	1060	105	12.06	306	6.81	173	8.88	226	49.0	22.2	1.0	1,4,9,14
31	31MDC	SM31MDC	1000	1250	115	13.00	330	6.81	173	9.44	240	54.0	24.5	1.5	1,4,9,14
<b>XD SERIES - 6 &amp; 12-VOLT - TRACTOR &amp; SMALL ENGINE BATTERIES</b>															
1	1-XD (6V)	C01XD	650	810	115 / 25A	9.08	231	6.88	175	8.75	222	30.0	13.6	1.0	2,5,14
22F	22F-HD	A22FHD	425	530	65 / 25A	9.50	241	6.94	176	8.31	211	28.0	12.7	1.0	2,4,5,14
22NF	22NF-HD	S22NFHD	400	500	55 / 25A	9.38	238	5.50	140	9.00	229	29.0	13.2	1.0	2,5,14
U1L	TRAC-XD	SU1LXD	340	425	43 / 25A	7.75	197	5.19	173	7.31	186	17.0	7.7	0.5	1,4,11,14
	TRAC-HD	SU1LHD	300	375	40 / 25A	7.75	197	5.19	173	7.31	186	16.0	7.3	0.5	1,4,11,14
U1R	TRAC-XDR	SU1RXD	340	425	43 / 25A	7.75	197	5.19	173	7.31	186	17.0	7.7	0.5	1,4,11,14



BCI GROUP	MODEL DESCRIPTION	ITEM NUMBER	CCA RATING	CA RATING	RC RATING	LENGTH		WIDTH		HEIGHT		WEIGHT		CORE UNIT VALUE	PRODUCT NOTES
						IN	MM	IN	MM	IN	MM	LBS	KGS		
<b>XD SERIES - 12-VOLT - HEAVY DUTY COMMERCIAL BATTERIES</b>															
31S	31S-XD	C31XDS	1100	1375	185	13.00	330	6.75	171	9.44	240	57.0	25.9	1.5	1,4,8,14
	31S-HD	C31HDS	940	1175	175	13.00	330	6.81	173	9.44	240	54.0	24.5	1.5	1,4,8,14
	31S-RD	C31RDS	750	935	155	13.00	330	6.81	173	9.44	240	48.0	21.8	1.5	1,4,8,14
31A	31A-XD	C31XDA	1100	1375	185	13.00	330	6.75	171	9.44	240	57.0	25.9	1.5	1,4,5,14
	31A-HD	C31HDA	940	1175	175	13.00	330	6.81	173	9.44	240	54.0	24.5	1.5	1,4,5,14
4D	4D-XD	C4DXD	1300	1625	315	20.75	527	8.63	219	10.00	254	105.0	47.6	3.0	2,4,5,14
	4D-HD	C4DHD	1000	1250	280	20.75	527	8.63	219	10.00	254	100.0	45.4	3.0	2,4,5,14
	4DMF-HD	C4DMFHD	950	1185	280	20.75	527	8.44	214	9.81	249	96.5	43.8	3.0	1,4,5,14
4DLT	4DLT-XD	C4DLTXD	840	1050	255	20.00	508	8.19	208	7.94	202	78.5	35.6	2.0	1,4,5,14
8D	8D-XD	C8DXD	1400	1750	400	20.75	527	11.00	279	10.00	254	125.0	56.7	4.0	2,4,5,14
	8DMF-XD	C8DMFXD	1400	1750	400	20.75	527	11.13	283	9.81	249	125.0	56.7	4.0	1,4,5,14
	8D-HD	C8DHD	1200	1500	380	20.75	527	11.13	283	9.81	249	115.0	52.2	4.0	1,4,5,14
8B	8B-XD	C8BXD	1400	1750	400	21.75	552	11.00	279	9.59	244	123.0	55.8	4.0	2,4,10,14
<b>SD SERIES - 12-VOLT - SEVERE DUTY COMMERCIAL BATTERIES</b>															
31S	31SDC	SD31HDS	925	1155	180	13.00	330	6.75	171	9.44	240	53.0	24.0	1.5	1,4,8,14
31DT	31DTSDC-XD	SD31DTXD	1000	1250	180	13.00	330	6.75	171	9.38	238	57.0	25.9	1.5	1,4,9,14
	31DTSDC-HD	SD31DTHD	925	1155	180	13.00	330	6.75	171	9.38	238	53.0	24.0	1.5	1,4,9,14
4D	4DSDC	SD4DXD	1300	1625	315	20.75	527	8.63	219	10.00	254	105.0	47.6	3.0	2,4,5,14
8D	8DSDC	SD8DXD	1450	1810	400	20.75	527	11.00	279	10.00	254	125.0	56.7	4.0	2,4,5,14
<b>CROWN1 SERIES - 12-VOLT - AGM COMMERCIAL BATTERIES</b>															
31S	CRV-31S	AGM31S	950	1185	190	13.00	330	6.77	172	9.06	230	70.0	31.8	1.5	3,4,8,15
4D	CRV-4D	AGM4D	1200	1500	380	20.19	512	8.75	222	8.50	216	111.0	50.3	3.0	3,4,5,15
8D	CRV-8D	AGM8D	1450	1750	520	20.70	527	11.00	280	9.88	250	192.5	87.3	4.0	3,4,5,15

### PRODUCT NOTES:

- Flush Manifold, Vented Cover Design
- Cover with Removable POD or Push Style Vents
- Sealed, Non-Spillable (US DOT; ICAO; IATA), VRLA AGM Battery
- Includes Handle
- SAE Auto Post Terminal
- GM Side Terminal
- Dual Terminal (SAE / GM Side)
- 3/8" (9.7mm) x 16 Stainless Steel Threaded Terminal
- Standard Marine Terminal (BCI Type M Dual Posts)
- Lead Bonded Hanging Bus Terminal with Fastener
- L Terminal Style Terminal (BCI Type X)
- AUX Inserted Top Terminal
- JIS Terminal Pencil Post
- XD and ECB FLA Batteries are Maintenance Free with Calcium Grids - UN2794
- Valve Regulated AGM Batteries are Sealed, Non-Spillable, and Maintenance Free - UN2800

### TECHNICAL & PACKAGING REFERENCES:

- ▶ CA and MCA references are estimation and based on 32°F | 0°C operating conditions
- ▶ Published weights are approximate and may vary by ambient or storage conditions
- ▶ Refer to Proposition 65 Warning decal on batteries for compliance with State of California requirements

### AVAILABLE TERMINALS:

