

NEXT LEVEL MARINE BATTERY SOLUTIONS.

RELIABLE FLA | INNOVATIVE AGM | ADVANCED LITHIUM



SMART. POWER.

WHEN POWERING RECREATIONAL WATERCRAFT, IT TAKES A PRECISE BALANCE OF BRAINS AND BRAWN TO DELIVER UNSURPASSED PERFORMANCE.

At Crown Battery, we've mastered the formula for a range of markets — designing and manufacturing superior, dependable batteries since 1926. Over that time, we've learned we can't rely on yesterday's thinking and solutions to deliver the power needed by tomorrow's equipment — and expected by boat owners every time they turn the key.

Now, we're pleased to offer an unparalleled selection of starter and deep cycle marine batteries, ranging from our tried-and-true, rugged FLA models, our flagship, contemporary maintenance-free AGM line — and our latest recreational marine solution — the Velocity® PerformEdge™ lithium-ion (LiFePO4) series.

THE RIGHT FIT. THE RIGHT POWER. THE RIGHT CHOICE.

Thanks to our comprehensive array of lead acid and lithium marine solutions, boaters have the opportunity to select the option that works best for them and their watercraft and aquatic leisure pursuits — exclusively from a single, renowned source.

APPLICATION	STARTER	DEEP CYCLE/ LITHIUM
Inboard/Outboard Engines	✓	
Lights	✓	
Communications/Radio	✓	
Live Well Pump	✓	
Trolling Motors		✓
Fish Finder/Sonar		✓
GPS		✓

Owners of sportfishing boats, power cruisers and high performance watercraft turn to Crown Battery for industry-leading, purpose-built recreational marine batteries.



CROWN[®]

AGM MARINE BATTERIES

HIGH TECH. LOW STRESS. NO MAINTENANCE.



Today's highly specialized recreational watercraft call for powerful solutions to start their next-generation engines and run their electronic accessories. That's where our CROWN1 marine array comes in. The most contemporary AGM line in the industry, it boasts a full complement of batteries for starter and deep cycle applications.

Our best-in-class CROWN1 AGM starter batteries are the preferred choice for marine applications with critical OEM battery specifications, while boaters turn to CROWN1 AGM deep cycle batteries to help ensure the trolling motors, radios and the accessories they count on work when they're needed. And thanks to the latest design, components and construction techniques, both our AGM starter and deep cycle batteries deliver unparalleled performance, vibration resistance and worry-free on-water experiences.



- ▶ Super-thick SolidCast™ plate construction, more Active Material and premium Glass Mat Separator add up to superior performance, longevity and protection against short circuiting
- ▶ Certified non-spillable (IATA / ICAO, DOT, and IMDG), sealed and maintenance-free
- ▶ Safe, sustainable and ultra clean with no gassing
- ▶ Available in BCI Group 24, 27 and 31 sizes



STARTER | DEEP CYCLE

FLOODED LEAD ACID MARINE BATTERIES

POWERING: FUN. LIFESTYLE. MEMORIES.

Whether you're new to boating or just purchased the cabin cruiser of your dreams, Crown Battery offers an unmatched selection of proven marine starter and deep cycle FLA, or wet cell, batteries. Our collection features solutions for entry-level to premium applications, meaning you get the power and performance we're known for without breaking the bank.

Boats are a big investment — and deliver a lot of fun. Like all Crown Battery products, our FLA marine solutions are built so boating, sailing and sportfishing enthusiasts can focus on having a good time — and leave the thinking — and power — to us.



THE RIGHT FIT. THE RIGHT POWER. THE RIGHT CHOICE.

XD SERIES MARINE STARTER BATTERIES:

Dependable, powerful and safe batteries that deliver powerful starting performance.

- ▶ For any boating application – anytime.



XD SERIES DEEP CYCLE BATTERIES:

Engineered for optimal durability, easy charging, and dependable power in marine applications.

- ▶ Maintenance-free design that provides stress-free running and accessory power



ECB SERIES – ENHANCED CROWN BATTERIES:

Exclusively from Crown Battery — the recreational boating industry's only true Enhanced Flooded Battery.

- ▶ Super-thick plates and high-performance internal components deliver increased power, cyclic durability, and increased dynamic charge acceptance.
- ▶ For marine applications where batteries are used for both starting and running power — and are subject to partial state-of-discharge operation.



CROWN DEEP CYCLE SERIES BATTERIES:

Unparalleled running and reserve power for marine applications that require uninterrupted performance — without breaking the bank.

- ▶ Features a low-maintenance design; provides 50% more useable power than standard FLA marine deep cycle batteries of equivalent size



VELOCITY[®]

PERFORMEDGE

LITHIUM MARINE BATTERIES

NEXT LEVEL. GAME CHANGING. PERFORMANCE.

The newest addition to our recreational marine battery line-up, the revolutionary Velocity PerformEdge lithium-ion (LiFePO4) deep cycle series truly lets our boating customers choose the battery that's right for their craft and applications — while enabling Crown Battery to be the single-source provider of the full array of marine battery solutions.

The safe, leading-edge lithium iron phosphate technology behind the Velocity PowerEdge design delivers the power and uptime performance you expect from us and our century of battery industry experience, resulting in carefree enjoyment every time you cast off.



The Velocity PerformEdge Series is available in an array of standard marine battery sizes in 12-volt configurations. Specific models feature capacities up to 120 amp hours and can be used alone or together in parallel series to increase system power.

And like our AGM and FLA designs, Velocity batteries are precision engineered and constructed to withstand vibration and harsh marine conditions.



MAINTENANCE FREE:

Nothing to do except duty cycle charging

HIGH PERFORMANCE:

Lightweight, easy-to-install — 50% lighter than comparable lead acid batteries; low weight to amp hour ratio; provides more usable energy and flat voltage curve when cycling

FAST CHARGING & BATTERY RECOVERY POST-USE:

Less time charging, more time having fun

INNOVATIVE, INTEGRATED TECHNOLOGY:

Built-in Battery Management System (BMS) manages cell balancing, low-voltage cutoff and more; controls charging, limits discharging to ensure battery health and effectiveness

ENHANCED LONGEVITY:

Designed to deliver total reliability, long life — typically last 3-4X longer in recreational boating applications based on use

MARINE BATTERY PRODUCT SPECIFICATIONS

EFFECTIVE OCTOBER 1, 2024



BCI GROUP	MODEL DESCRIPTION	CCA RATING	MCA RATING	STORAGE CAPACITY	LENGTH		WIDTH		HEIGHT		WEIGHT		CORE UNIT VALUE
					IN	MM	IN	MM	IN	MM	LBS	KGS	
XD SERIES - 12-VOLT - FLA MARINE & RV STARTER BATTERIES													
24	MAR-24XD	800	1000	140 / 25A	10.25	260	6.81	173	8.88	226	42.0	19.1	1.0
	MAR-24HD	650	810	120 / 25A	10.25	260	6.81	173	8.88	226	37.0	16.8	1.0
ECB SERIES - 12-VOLT - ENHANCED CROWN MARINE BATTERIES													
24	MAR-1000	800	1000	80 Ah	10.19	259	6.81	173	9.50	241	43.0	20.6	1.0
24	MAR-800	650	810	65 Ah	10.19	259	6.81	173	9.50	241	37.0	18.4	1.0
27	MAR-1000X	835	1040	90 Ah	12.95	329	6.81	173	9.38	238	48.0	24.0	1.0
CROWN1 SERIES - 12-VOLT - AGM MARINE STARTER BATTERIES													
24	CRV-24M	750	935	80 Ah	11.26	286	6.75	171	9.38	238	52.0	23.6	1.0
27	CRV-27M	725	900	98 Ah	13.00	330	6.75	171	9.38	238	58.0	26.3	1.0
31	CRV-31M	950	1185	105 Ah	13.00	330	6.77	172	9.38	238	76.0	34.5	1.5
XD SERIES - 12-VOLT - DEEP CYCLE MARINE & RV BATTERIES													
24	24MDC	550	685	80 Ah	10.25	260	6.81	173	8.88	226	37.0	16.8	1.0
27	27MDC	850	1060	105 Ah	12.06	306	6.81	173	8.88	226	49.0	22.2	1.0
31	31MDC	1000	1250	115 Ah	13.00	330	6.81	173	9.44	240	54.0	24.5	1.5
CROWN DEEP CYCLE SERIES - 12-VOLT - DEEP CYCLE MARINE & RV BATTERIES													
24	24HDC	600	750	90 Ah	11.06	281	6.81	173	9.38	238	50	22.7	1.0
27	27HDC	700	875	115 Ah	12.95	329	6.81	173	9.38	238	58	26.3	1.0
31	31HDC	800	1000	130 Ah	13.00	330	6.75	171	9.38	238	65	29.5	1.5
CROWN1 SERIES - 12-VOLT - AGM MARINE DEEP CYCLE BATTERIES													
24	12CRV80	—	625	80 Ah	11.26	286	6.75	171	9.38	238	50	22.7	1.0
27	12CRV100	—	750	98 Ah	13.00	330	6.75	171	9.38	238	58	26.3	1.0
31	12CRV110	—	885	110 Ah	13.00	330	6.77	172	9.38	238	60	27.2	1.5
8D	12CRV8D	—	1500	240 Ah	20.50	520	10.56	268	9.88	250	155	70.5	4.0

BCI GROUP	MODEL DESCRIPTION	VOLTAGE & CAPACITY		DISCHARGE SPECIFICATIONS			STANDARD CHARGE CURRENT	MAXIMUM CHARGE CURRENT	CHARGE VOLTAGE CUTOFF
		NOMINAL VOLTAGE	C20 CAPACITY	30-SECOND PEAK CURRENT	MAXIMUM CONTINUOUS DISCHARGE CURRENT	CUT-OFF VOLTAGE LIMIT			
VELOCITY PERFORMEDGE SERIES - 12 VOLT - LITHIUM BATTERIES									
24	V12-100	12.8	100 Ah	200	100	11.0	<20 A	50 A	14.6
31	V12-120	12.8	120 Ah	200	100	11.0	<20 A	50 A	14.6

VELOCITY LITHIUM BATTERY PRODUCT NOTES:

- 1 Sealed, Non-Spillable Battery – UN38.3
- 2 LiFePO4 Battery Chemistry – UN3480, Class 9
- 3 Battery includes an integrated BMS protection circuit for safe operation
- 4 Includes handle
- 5 Insert Terminal with M8 Stainless Steel Bolt
- 6 Brass SAE Auto Post Terminal Included
- 7 Height dimension specification shows (Container / Terminal) heights

MODEL DESCRIPTION	LENGTH		WIDTH		HEIGHT		WEIGHT		PRODUCT NOTES
	IN	MM	IN	MM	IN	MM	LBS	KGS	
V12-100	10.25	260	6.81	173	7.91 / 8.88	201 / 225	27.6	12.5	1,2,3,4,5,6,7
V12-120	13.00	330	6.81	173	8.64 / 9.38	219 / 238	35.3	16.0	1,2,3,4,5,6,7

MODEL DESCRIPTION	OPERATING TEMPERATURE RANGE					
	CHARGING		DISCHARGE		STORAGE	
	°C	°F	°C	°F	°C	°F
V12-100	-20° to 45°	-4° to 113°	-20° to 60°	-4° to 140°	-10° to 40°	14° to 104°
V12-120	-20° to 45°	-4° to 113°	-20° to 60°	-4° to 140°	-10° to 40°	14° to 104°



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