

CROWN™

THIS 1 IS FOR YOU



CROWN™

THE POWER OF 1

**THE FIRST AGM DEEP CYCLE BATTERY:
DETAIL-ENGINEERED THE CROWN WAY**

CROWN



The Power Behind Performance = Value

Beyond a broad product array, beyond a long history of delivering power to customers throughout the world,

there's a design principle here that's even more important

In our customer philosophy, it's called **real value**. It's a rare commodity in a world of choices for energy storage and one where you receive more than what you pay for. And with

CROWN you'll find our AGM Deep Cycle Batteries deliver one of the highest value positions in the global energy storage marketplace.

- ▶ **No Watering.**
- ▶ **No Gassing.**
- ▶ **No Maintenance.**
- ▶ **No Comparison.**
- ▶ **Literally.**

CROWN1 This kind of power inspires imagination.

The kind you've come to expect from Crown.



OBJECTIVE

Build A Better Deep Cycle AGM Battery.

Innovation is at the core of Crown Battery's strategic vision. We innovate to find solutions. Some of our solutions become industry standards for product design and manufacturing practices. For Crown Battery – innovation is a tradition.

With **CROWN1** AGM batteries, innovation became an ideal by applying a simple philosophy: "If you're going to do it, do it right." So everything – from the most refined raw materials, to a custom-engineered manufacturing system, to the experienced people in our plant who volunteered to make the **CROWN1** – everything had to be better. And it is.

Advanced process technology ensures the highest levels of quality and dependability. People around the world perform increasingly complex work that requires the highest levels of reliability from energy storage sources. The technology behind **CROWN1** batteries assure the power demands of people throughout the world – making life easier, healthier and more productive.

PERFORMANCE. ATTITUDE.

Spillproof & Maintenance Free with **Universal Terminals** Crown's spillproof and universal design eliminates the need for secondary containment requirements to make shipping and distribution easy and cost-effective, while the built-in, vented dual terminal design ensures universal application fitment.

Advanced Plate Construction Inside these flat-plate AGM cells, eight active materials are used to create a more robust design. Larger plate area, no-lead additive for deep cycle service, and improved venting performance in comparison with flooded batteries.

SolidCast™ Grid Crown's SolidCast grids are constructed to ensure that you get the most out of your battery. The grids are made of lead-antimony alloy to ensure longer life and durability.

Robust Cell Design

Crown's robust cell design includes a specially designed lower cap that ensures consistent energy output and provides uniformity between cells to provide high level overall resistance and fast-recharge protection solution.

AGM Separator

Our high-strength glass fiber separators are advanced to reduce acid crossover and provide superior recovery from deep discharge, thereby increasing the battery's life span.





AMBITIOUS INVESTMENT

From old-school with advanced battery production technology paths to deep what has become a Crown's online AGM GDS production process. The cutting-edge technology demonstrates a consistent, accurate and highly efficient process that moves raw materials to a finished battery. There is nothing like it in the industry.

As a result, we have the ability to manufacture processes designed around customer expectations for the end product, the

CROWN
Battery



AGM IN-LINE CELL ASSEMBLY PROCESS
This process automates the assembly process from start to finish, including cell assembly, gassing, and final inspection. The process is highly efficient and consistent, ensuring high quality and reliability for every battery produced.



AGM PLATE WRAPPING & STACKING - Advanced plate wrap wrap automatically ensures the highest levels of separation quality, ensuring product integrity and performance.



AGM IN-LINE CELL ASSEMBLY - Cells are loaded and expel through a completely automated GDS assembly process. The AGM GDS Assembly process is a "Best-in-Class" manufacturing feature that delivers finished product straight to the end user, reducing competitive costs.



AGM VISION SYSTEM - The advanced process enables sub-grade and final inspection by using high-contrast images to detect product and internal cell irregularities.



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PERFORMANCE. ATTITUDE.

Spillproof & Maintenance Free with Inverted Terminals
Crown's advanced spillproof and maintenance free design allows for easy handling and installation. The inverted terminals are designed to prevent acid spillage and ensure consistent performance over the battery's life.

Advanced Plate Construction
Crown's advanced plate construction ensures consistent performance over the battery's life. The advanced plate construction is designed to prevent acid spillage and ensure consistent performance over the battery's life.

Sealed-Tight Sealed-Tight cells are designed to prevent acid spillage and ensure consistent performance over the battery's life. The sealed-tight design is designed to prevent acid spillage and ensure consistent performance over the battery's life.

Advanced Cell Design
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AGM Sealed-Tight
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CROWN The unique engineering integrity of our manufacturing process is unmatched. Worldwide.



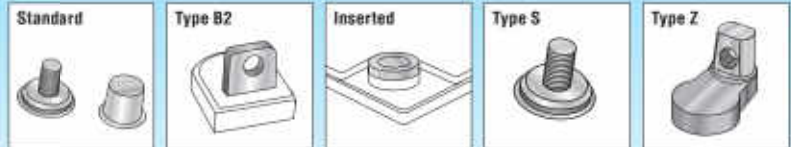
THE POWER OF 1

Product Specifications

BCI Group Size	Model Reference	Electrical Capacity		RC Minutes	Terminal Type	Inches				Millimeters				Weight	
		20 Hr Rate	5 Hr Rate			Length	Width	Container Height	Terminal Height	Length	Width	Container Height	Terminal Height	Lbs	Kgs
6 VOLT SEALED DEEP CYCLE BATTERIES															
GC2	6CRV220	220	172	105 / 75A	Standard	10.25	7.06	9.70	10.94	260	179	246	278	66	29.9
6V - 27	6CRV215	215	175	100 / 75A	Inserted	12.05	6.89	7.96	8.08	306	175	202	205	65	29.5
GC2H	6CRV260	260	205	150 / 75A	Standard	10.24	7.13	10.37	11.38	260	181	264	289	79	35.7
902	6CRV330	330	265	200 / 75A	Standard	11.62	7.01	13.59	14.59	295	178	345	371	103	46.9
903	6CRV390	390	315	255 / 75A	Standard	11.62	7.01	15.91	16.75	295	178	404	430	127	57.5
8 VOLT SEALED DEEP CYCLE BATTERIES															
GC8	8CRV165	165	132	115 / 56A	Standard	10.24	7.17	10.48	11.48	260	182	266	292	66	29.8
12 VOLT SEALED DEEP CYCLE BATTERIES															
U1L	12CRV33	33	28	32 / 25A	B2	7.68	5.12	5.95	7.36	195	130	151	187	22	10.0
22NF	12CRV55	55	50	85 / 25A	Type Z	9.02	5.43	8.39	9.33	229	138	213	237	37	17.0
24	12CRV80	80	69	140 / 25A	Standard	11.26	6.75	8.12	9.38	286	171	206	238	51	23.1
27	12CRV100	98	80	170 / 25A	Standard	13.00	6.75	8.12	9.38	330	171	206	238	58	25.9
31	12CRV110	110	89	200 / 25A	Standard	13.00	6.77	9.28	10.17	330	172	236	258	60	27.2
	12CRV110S	110	89	200 / 25A	Type S	13.00	6.77	9.28	10.17	330	172	236	258	60	27.2
920	12CRV135	135	116	85 / 75A	Standard	13.39	6.81	11.14	12.17	340	173	283	309	95	43.3
921	12CRV230	230	198	130 / 75A	Standard	15.52	7.01	13.51	14.53	394	178	343	369	145	66.0
4D	12CRV4D	160	152	340 / 25A	Standard	20.87	8.23	8.43	9.45	530	209	214	240	123	56.0
8D	12CRV8D	240	206	500 / 25A	Standard	20.52	10.59	7.99	9.02	521	269	203	229	162	73.5

Because Crown Battery is continuously improving its products, specifications are subject to change without notice.

Available Terminals



#1 FOR TOTAL PERFORMANCE

Purpose Built:

Solving complex application challenges that keep people safe and delivers reliable power to complete essential work.



- ▶ All Critical Applications
- ▶ Maintenance Free
- ▶ Super Clean AGM Lead Batteries
- ▶ Safest, Most Sustainable Energy Storage Option
- ▶ Robust Design Tolerates Deep Discharge
- ▶ Sealed, Spillproof and Easy to Deploy

The Power Behind Performance



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