



# WORLD CLASS.

*The Power Behind Performance*

*Heavy Duty Commercial*



# PURE HEAVY DUTY PERFORMANCE



The Power Behind Performance



# Some of Our Markets Have Bigger Demands Than Others.

## Big Equipment Makes Big Demands On Our Batteries...

But no matter how big or small the application, they get the same Crown attention to detail. With production, technical, sales and distribution operations across North America – and authorized dealers and sales agents in more than 55 countries throughout the world – Crown Battery has the products and services to satisfy all your heavy duty commercial battery needs on a global scale. And our capabilities are continually expanding as your needs grow and become more demanding.

This is a tough market. It demands power. The kind that Crown Batteries has proven to deliver time and again for over 90 years. Our long-standing commitment to the heavy duty commercial market assures products and services that can give you, our customer, a competitive edge.

When it comes to heavy duty batteries, there are few in the world that can compete with Crown. When it comes to commitment to our customer, there's no one like us.

Want to feel the power? Pick up the phone. We'll show you how a world leader operates.



1-XD



30H-XD



31A-XD



31S-XD

- **CleanFit™ Maintenance Free Cover**

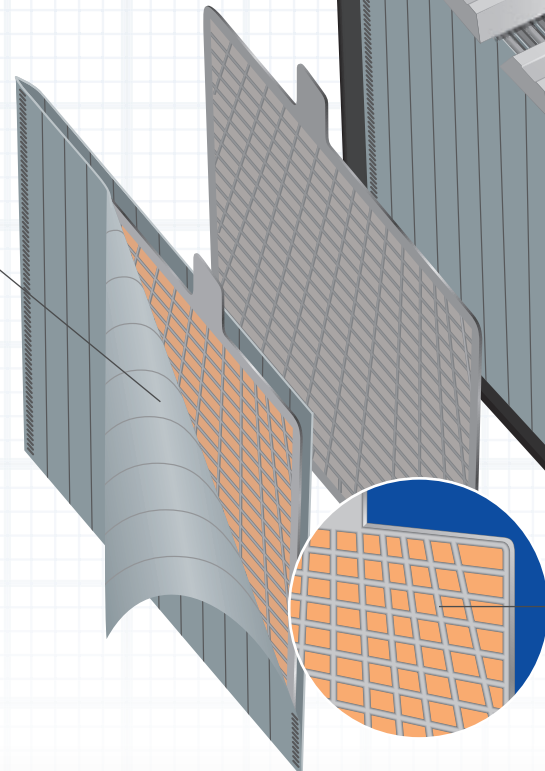
The CleanFit™ cover design affords clean, maintenance-free operation, ease of fitment – and a durable recessed handle for safe handling and installation.

- **Innovative Terminals**

Heavy duty terminals resist corrosion and optimize durability and efficiency in tough operating environments.

- **PosiWrap™ Envelope Separators**

PosiWrap™ separators reduce maintenance and prevent failure due to short-circuiting and plate shedding, ensuring reliability and durability.



- **Tough Connectors**

Thicker SolidCast™ COS, TTP and Terminal Post connectors for premium performance and reliability.

- **SolidCast™ Plate Construction**

Crown's full frame SolidCast™ grids utilize uniform wire thickness across the grid structure to hold and retain active materials for longer life and better reliability.

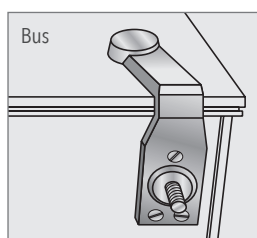
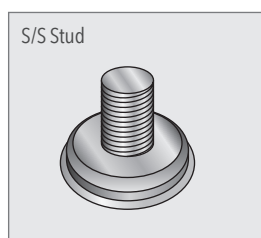




# Heavy Duty Commercial Battery Specifications

BCI Group	Model Description	Item Number	Electrical Capacity			Inches			Millimeters			Weight		Product Footnotes
			Volts	CCA Rating	CA Rating	L	W	H	L	W	H	Lbs	Kgs	
HEAVY DUTY COMMERCIAL 31 MAINTENANCE FREE STARTER BATTERIES														
31	31A-XD	C31XDA	12	1100	1375	13.00	6.75	9.44	330	171	240	61.0	27.6	AHJKM
	31S-XD	C31XDS	12	1100	1375	13.00	6.75	9.44	330	171	240	61.0	27.7	FHJKM
	31A-HD	C31HDA	12	940	1175	13.00	6.75	9.44	330	171	240	57.0	25.9	AHJKM
	31S-HD	C31HDS	12	940	1175	13.00	6.75	9.44	330	171	240	57.0	25.9	FHJKM
	31A-RD	C31RDA	12	750	940	13.00	6.75	9.44	330	171	240	52.0	23.6	AHJKM
	31S-RD	C31RDS	12	750	940	13.00	6.75	9.44	330	171	240	52.0	23.6	FHJKM
HEAVY DUTY COMMERCIAL STARTER BATTERIES														
8D	8D-XD	C8DXD	12	1400	1750	20.75	11.00	10.00	527	279	254	127.5	57.8	AIJM
	8D-HD	C8DHD	12	1100	1375	20.75	11.00	10.00	527	279	254	115.0	52.2	AIJM
8B	8B-XD	C8BXD	12	1400	1750	21.75	11.00	9.59	552	279	244	129.0	58.5	BIJM
	8B-HD	C8BHD	12	1100	1375	21.75	11.00	9.59	552	279	244	120.0	54.4	BIJM
4D	4D-XD	C4DXD	12	1300	1625	20.75	8.63	10.00	527	219	254	111.0	50.3	AIJM
	4D-HD	C4DHD	12	1000	1250	20.75	8.63	10.00	527	219	254	101.5	46.0	AIJM
4DLT	4DLT-HD	C4DLTHD	12	850	1060	20.44	8.13	8.00	519	206	203	87.0	39.5	AIJM
4H	4H-XD	C4HXD	6	950	1185	12.63	7.00	9.50	321	178	241	48.0	21.8	AIM
30H	30H-XD	C30HXD	12	825	1030	13.00	6.75	9.38	330	171	238	55.0	24.9	AIM
1	1-XD	C01XD	6	670	835	9.08	6.91	8.75	231	176	222	31.0	14.1	AIM
2	2-XD	C02XD	6	650	810	10.38	6.86	8.75	264	174	222	36.0	16.3	AIM
3EH	3EH-XD	C3EHXD	6	920	1150	19.25	4.31	9.88	489	109	251	52.5	23.8	AIM
8V1	V1-XD	CV1XD	8	550	685	9.08	6.91	8.64	231	176	219	32.0	14.5	AIM
3EE	3EE-XD	3EEXD	12	480	600	19.19	4.28	8.56	487	109	217	44.5	20.2	AIM
3ET	3ET-XD	3ETXD	12	520	650	19.19	4.28	9.56	487	109	243	50.0	22.7	AIM

Specifications effective as of October 1, 2017.



## KEY

- A** = SAE Automotive Top Terminal
- B** = Bus / Hanging Terminal with Fastener
- F** = 3/8" x 16 Stainless Steel Threaded Terminal
- H** = CleanFit™ Flush Manifold Vented Cover
- I** = Cover with Raised Vent
- J** = Includes Handle
- K** = PROeye™ Fluid Indicator - Optional
- M** = Maintenance-Free Calcium Alloy Construction

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](http://www.crownbattery.com). The information included on the website may amend and supersede the information in this brochure. Purchasers are encouraged to visit the website to view the most current information

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