



**CROWN**  
BATTERY  
SINCE 1926

# SEVERE DUTY.

*The Power Behind Performance*

*Maintenance Free Batteries*

## When You Need Power... We'll Be There.

**TOUGH CONDITIONS.  
TOUGHER BATTERY.**



### Losing Power is Not an Option.

Crown's Severe Duty Batteries perform under the most grueling and harsh conditions where other batteries stop. Cold. Crown's advanced technology has combined the essential characteristics of a high performance battery – with the endurance features you've come to expect from Crown – into one incredibly tough battery that is like no other. The Severe Duty Batteries integrate the benefits of a cyclic battery design with maintenance-free calcium plates to provide superb performance and reliability.

Ideal for the most challenging reserve power applications, Crown's Severe Duty Batteries effortlessly deliver unmatched reliability and system flexibility in offline uninterrupted power systems (UPS). The batteries are also ideal for other power system ranging from CATV control boxes, remote RE reserve power applications, road and traffic control equipment and critical starting applications. In applications where many products fail due to extreme temperatures, maintenance charging or duty cycle – Crown's Severe Duty Batteries deliver reliability...with power to spare!





# Severe Duty Battery Specifications



24SDC-XD



27SDC-XD



31DTSDC-XD



31SDC-HD



4DSDC-XD



8DSDC-XD

BCI Group	Model Description	Item Number	Electrical Capacity				Inches			Millimeters			Weight		Product Footnotes
			Volts	MCA Rating	CCA Rating	RC Minutes	L	W	H	L	W	H	Lbs	Kgs	
<b>SEVERE DUTY COMMERCIAL MAINTENANCE FREE BATTERIES</b>															
24	24SDC-XD	SD24XD	12	685	550	105	10.19	6.81	9.50	259	173	241	38	17.2	DHJM
27	27SDC-XD	SD27XD	12	1000	800	140	12.95	6.81	9.38	329	173	238	53	24.0	DIJM
	27SDC-HD	SD27HD	12	750	600	110	12.95	6.81	9.38	329	173	238	46	20.9	DIJM
31	31DTSDC-XD	SD31DTXD	12	1250	1000	190	13.00	6.75	9.38	330	171	238	60	27.2	DHJKM
	31DTSDC-HD	SD31DTHD	12	1155	925	180	13.00	6.75	9.38	330	171	238	58	26.3	DHJKM
	31SDC-HD	SD31HD-S	12	1155	925	180	13.00	6.75	9.44	330	171	240	58	26.3	FHJKM
4D	4DSDC-XD	SD4DXD	12	1625	1300	375	20.75	8.63	10.00	527	219	254	111	50.3	AIJM
8D	8DSDC-XD	SD8DXD	12	1810	1450	430	20.75	11.00	10.00	527	279	254	128	58.1	ABIJM

## SEVERE DUTY BATTERIES

Proprietary "tight-pack" PosiWrap plate construction enables maximum performance and durability in cyclic, stationary and critical starting applications. SDC batteries are best-suited for applications involving 50% depth-of-discharge (DOD) or less. Periodic equalization charges are required in cyclic applications to achieve expected battery life.

### 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.

### Tough Connectors

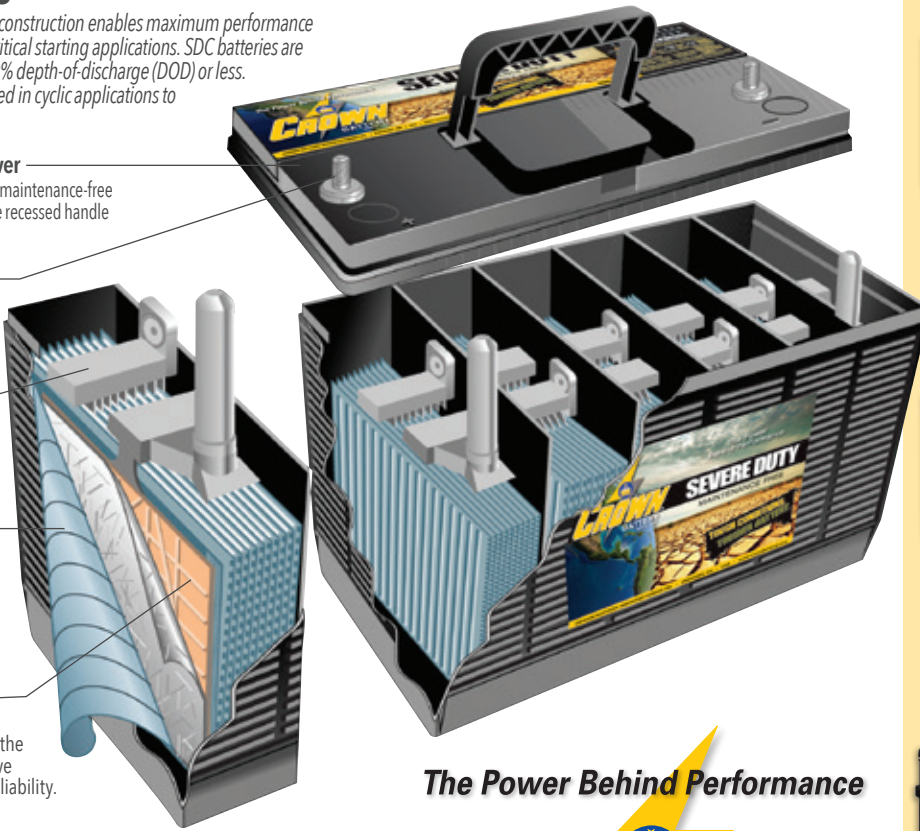
Thicker SolidCast™ COS, TTP and Terminal Post connectors for premium performance and reliability.

### PosiWrap™ Envelope Separators

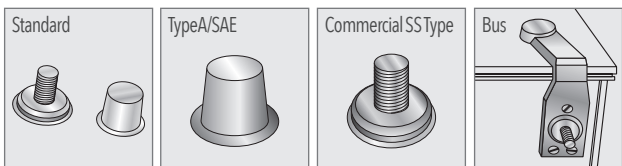
PosiWrap™ separators reduce maintenance and prevent failure due to short-circuiting and plate shedding, ensuring reliability and durability.

### 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.



The Power Behind Performance



## FOOTNOTES KEY:

- A** = SAE Automotive Top Terminal
- B** = Bus / Hanging Terminal with Fastener
- F** = 3/8" x 16 Stainless Steel Threaded
- H** = CleanFit™ Flush Manifold Vented Cover
- I** = Cover with Raised Vent
- J** = Includes Handle Terminal
- 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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