



SEALED - MAINTENANCE FREE - DEEP CYCLE BATTERIES

fullriverdcbattery.com





Fullriver Battery Mfg. Co. Ltd.

Fullriver Battery Mfg. Co. Ltd. was established in 1995 in Guangzhou, China. We are proud to have earned a worldwide reputation as *the* Premier Quality lead acid battery manufacturer in China. We specialize in producing valve regulated sealed lead acid batteries including our high performance DC Deep Cycle range. All of our batteries are **Maintenance Free, Non-Hazardous** and **Non-Spillable**, providing a **Clean and Green** alternative to conventional wet/flooded hazardous batteries.

Unlike many battery producers in China, we control the entire manufacturing process, from grid casting and plate pasting to final assembly. The importance of this cannot be overstated, it ensures total quality control. We have earned a number of quality assurance certifications including ISO9001, UL, CE and TUV for quality production systems. We produce batteries to various international specifications including BCI, DIN and JIS. Today, our manufacturing facility covers 800,000 square feet, which produces a wide range of 6, 8 and 12 volt batteries.

Deep Cycle Batteries

Deep Cycle batteries are designed to be deeply discharged and recharged hundreds of times. They are designed and built differently than automotive starting batteries. They use more lead, heavier plates and other proprietary materials that enable them to deliver more power and capacity over many life cycles. Deep Cycle batteries are used in many applications including; **Boats, RVs, Solar and Wind power, Electric Vehicles, Electric Golf Cars, Floor Cleaning machines, Aerial Work Platforms and many more.** Our DC Series batteries provide the performance and life of a true deep cycle battery with all the convenience and benefits of being maintenance free & non-hazardous.

Your Clean Green Energy Solution

We produce only **Sealed, Maintenance-Free, Non-Hazardous and Non-Spillable** batteries that will provide you with a cleaner and greener alternative. You'll never need to add water to a Fullriver battery or worry about gassing or spilling of acid. Fullriver batteries can be operated upright or on their side, they are leak proof and, shock and vibration resistant.

Conventional wet/flooded batteries are filled with liquid sulfuric acid, which can spill or leak if the plastic case is punctured. They also emit hazardous hydrogen gasses during charging. They are classified as hazardous and dangerous goods, making them more difficult and costly to transport. All of our batteries are safe for air, sea and ground transportation. We carry various government approvals such as DOT, IATA, IMDG and ICAO, so you never have to worry about transporting or receiving our batteries.

Consumers and industries around the globe are becoming more environmentally conscious every day. We are proud to be able to give you the peace of mind that you are helping to provide a clean and green solution to your energy needs, with the performance and power that you are looking for. **We are your Clean-Green Energy Solution.**



Fullriver Battery Features & Benefits

Fullriver batteries are designed and manufactured to provide the following key features and benefits.

KEY FEATURES	BENEFITS
Sealed construction	Maintenance-free, spill proof, non-hazardous, DOT, IATA, ICAO and IMDG approved as safe for land, air and sea transportation, environmentally friendly
High density paste	High capacity and long life
Heavy duty thick grids	True deep cycle construction for long life
Lead-Calcium-Tin grids	Optimum strength, superior corrosion resistance and good deep discharge recovery
High porosity microporous glass mat separator	Enhanced electrolyte retention maximizes capacity
High separator compression	Good contact between electrolyte and plates for better performance
ABS case and cover resins	Rugged construction, shock and vibration resistant
Pressure regulated safety relief valves	Safe operation of batteries
Brass terminals	Superior conductivity
Epoxy terminal seal	Sealed to prevent acid leakage
Low self discharge rate at 1% per month	Significantly longer shelf life than conventional wet batteries
Low internal resistance	Faster recharge time than conventional wet batteries
Tank formation	Ensures fully formed, voltage matched plates
10 day plate curing process	Superior bonding of paste to grids for long life
Certifications and industry standards include ISO9001, UL, CE, TUV, DIN, BCI & JIS	Recognized around the world
Available in all standard industry sizes and capacities	Meets all application requirements

Ask us about our 5-Year "Best-in-the-Business" Marine / RV & Solar / RE Warranty Today!

*At Fullriver Battery we stand behind our products. That is why we offer a *5-Year Warranty in the Solar/RE market and the Marine/RV market. So when you buy Fullriver products you can rest assured that you are getting the performance and quality that you deserve.*



*5 Year warranty applies to select models only, subject to change without notice. Visit www.fullriverdcbattery.com for more details on this warranty and warranties offered in other markets.

Fullriver Deep Cycle Battery Specifications

Model	Industry Ref.	Capacity (Minutes)		Capacity (AH)		Cranking (Amps)		Terminal Type (See Below)	Dimensions - Inches (mm)			Weight lbs. (kg)
		@ 25 Amps	@ 75 Amps	@ 5 Hr Rate	@ 20 Hr Rate	CA @32°F	CCA @0°F		Length	Width	*Height	
6 Volt Deep Cycle - Sealed - Maintenance Free Batteries												
DC224-6	GC2	441	113	179	224	1080	900	M8-TP08	10.24 (260)	7.09 (180)	9.88 (251)	65.7 (29.8)
DC220-6	27	425	112	180	220	1320	1122	M8	12.05 (306)	6.85 (174)	8.90 (226)	72.1 (32.7)
DC245-6	DIN	457	120	198	245	-	-	AP	9.61 (244)	7.48 (190)	10.83 (275)	71.2 (32.3)
DC250-6	GC2	531	135	204	250	1100	960	M8-TP08	10.31 (262)	7.13 (181)	10.71 (272)	76.1 (34.5)
DC335-6	902/J305	751	184	274	335	1845	1550	DT	11.61 (295)	7.00 (178)	14.41 (366)	105.4 (47.8)
DC400-6	903/L16	885	229	340	415	2180	1850	DT	11.61 (295)	7.00 (178)	16.69 (424)	123.5 (56)
8 Volt Deep Cycle - Sealed - Maintenance Free Batteries												
DC180-8	GC8	335	125 @56 Amps	147.5	180	-	-	M8	10.24 (260)	7.17 (182)	10.47 (266)	80.5 (36.5)
DC200-8	GC8H	390	140 @56 Amps	164	200	1030	860	M8	10.24 (260)	7.17 (182)	11.77 (299)	88.2 (40)
12 Volt Deep Cycle - Sealed - Maintenance Free Batteries												
DC35-12	U1	52	-	29	35	275	225	M6	7.72 (196)	5.16 (131)	7.09 (180)	25.4 (11.5)
DC40-12	U1L	50	-	32.8	40	320	275	M6	7.80 (198)	6.54 (166)	6.85 (174)	29.5 (13.4)
DC55-12	22NF	96	-	45	55	275	225	M6	9.02 (229)	5.43 (138)	8.35 (212)	38.8 (17.6)
DC60-12	48	100	30	49.2	60	450	370	AP	10.43 (265)	6.54 (166)	7.40 (188)	45.6 (20.7)
DC65-12	93	100	30	53.5	65	450	370	M6	13.82 (351)	6.57 (167)	6.93 (176)	52.0 (23.6)
DC70-12	24	115	31	57.5	70	540	450	M8-TP08	10.24 (260)	6.65 (169)	8.46 (215)	52.5 (23.8)
DC85-12	24	145	34	70	85	854	712	M8-TP08	10.24 (260)	6.65 (169)	8.46 (215)	55.3 (25.1)
DC105-12	27	175	43	86	105	1080	900	M8-TP08	12.09 (307)	6.65 (169)	8.46 (215)	66.5 (30.2)
DC115-12	31	200	45	91	115	1200	1000	M8-TP08	12.91 (328)	6.77 (172)	8.66 (220)	72.1 (32.7)
DC140-12	DIN	260	62	115	140	950	795	AP	13.54 (344)	6.77 (172)	11.14 (283)	95.0 (43.1)
DC145-12	NA	279	86	122	145	975	820	M8	13.43 (341)	6.81 (173)	11.30 (287)	97.7 (44.3)
DC210-12	4D	400	105	172	210	1425	1180	LT	20.87 (530)	8.23 (209)	8.58 (218)	133.4 (60.5)
DC215-12	921/J185	420	110	172	215	1646	1372	DT	15.00 (381)	7.00 (178)	14.61 (371)	132.3 (60)
DC240-12	8D	520	-	197	240	1646	1372	LT	20.47 (520)	10.59 (269)	8.19 (208)	165.8 (75.2)
DC260-12	8D	578	229	340	260	1830	1525	LT	20.51 (521)	10.59 (269)	8.82 (224)	172.4 (78.2)

* Heights will vary depending on what type of terminal used.

Terminal Configurations

To ensure quality and durability, Fullriver Battery utilizes the highest grade lead and brass in manufacturing battery terminals.



M Terminal
(M6 or M8)



AP & Stud Terminal
(DT)



Automotive Post
(AP)



L Terminal
(LT)



Brass AP & M
(TP07 or TP08)

The M Terminals come with the appropriate TP screw-in brass AP post. The M6 comes with a TP07 and the M8 comes with a TP08.

Fullriver Battery DC Series

DC224-6

(224AH/6 Volt)

Reference: GC2

Length: 10.24" (260mm)

Width: 7.09" (180mm)

Height: 9.88" (251mm)

Weight: 65.7 lbs. (29.8kg)



DC220-6

(220AH/6 Volt)

Reference: 27

Length: 12.05" (306mm)

Width: 6.85" (174mm)

Height: 8.90" (226mm)

Weight: 72.1 lbs. (32.7 kg)



DC245-6

(245AH/6 Volt)

Reference: DIN

Length: 9.61" (244mm)

Width: 7.48" (190mm)

Height: 10.83" (275mm)

Weight: 71.2 lbs. (32.3 kg)



DC250-6

(250AH/6 Volt)

Reference: GC2

Length: 10.31" (262mm)

Width: 7.13" (181mm)

Height: 10.71" (272mm)

Weight: 76.1 lbs. (34.5 kg)



DC335-6

(335AH/6 Volt)

Reference: J305/902

Length: 11.61" (295mm)

Width: 7.00" (178mm)

Height: 14.41" (366mm)

Weight: 105.4 lbs. (47.8 kg)



DC400-6

(415AH/6 Volt)

Reference: L16/903

Length: 11.61" (295mm)

Width: 7.00" (178mm)

Height: 16.69" (424mm)

Weight: 123.5 lbs. (56 kg)



DC180-8

(180AH/8 Volt)

Reference: GC8

Length: 10.24" (260mm)

Width: 7.17" (182mm)

Height: 10.47" (266mm)

Weight: 80.5 lbs. (36.5 kg)



DC200-8

(200AH/8 Volt)

Reference: GC8H

Length: 10.24" (260mm)

Width: 7.17" (182mm)

Height: 11.77" (299mm)

Weight: 88.2 lbs. (40 kg)



Continued...

DC35-12

(35AH/12 Volt)

Reference: U1

Length: 7.72" (196mm)

Width: 5.16" (131mm)

Height: 7.09" (180mm)

Weight: 25.4 lbs. (11.5kg)



DC40-12

(40AH/12 Volt)

Reference: U1L

Length: 7.80" (198mm)

Width: 6.54" (166mm)

Height: 6.85" (174mm)

Weight: 29.5 lbs. (13.4kg)



DC55-12

(55AH/12 Volt)

Reference: 22NF

Length: 9.02" (229mm)

Width: 5.43" (138mm)

Height: 8.35" (212mm)

Weight: 38.8 lbs. (17.6kg)



DC60-12

(60AH/12 Volt)

Reference: 48

Length: 10.43" (265mm)

Width: 6.54" (166mm)

Height: 7.40" (188mm)

Weight: 45.6 lbs. (20.7kg)



DC65-12

(65AH/12 Volt)

Reference: 93

Length: 13.82" (351mm)

Width: 6.57" (167mm)

Height: 6.93" (176mm)

Weight: 52.0 lbs. (23.6kg)



DC70-12

(70AH/12 Volt)

Reference: 24

Length: 10.24" (260mm)

Width: 6.65" (169mm)

Height: 8.46" (215mm)

Weight: 52.5 lbs. (23.8kg)



DC85-12

(85AH/12 Volt)

Reference: 24

Length: 10.24" (260mm)

Width: 6.65" (169mm)

Height: 8.46" (215mm)

Weight: 55.3 lbs. (25.1kg)



DC105-12

(105AH/12 Volt)

Reference: 27

Length: 12.09" (307mm)

Width: 6.65" (169mm)

Height: 8.46" (215mm)

Weight: 66.5 lbs. (30.2kg)



DC115-12

(115AH/12 Volt)

Reference: 31

Length: 12.91" (328mm)
Width: 6.77" (172mm)
Height: 8.66" (220mm)
Weight: 72.1 lbs. (32.7kg)



DC140-12

(140AH/12 Volt)

Reference: DIN

Length: 13.54" (344mm)
Width: 6.77" (172mm)
Height: 11.14" (283mm)
Weight: 95.0 lbs. (43.1kg)



DC145-12

(145AH/12 Volt)

Reference: NA

Length: 13.43" (341mm)
Width: 6.81" (173mm)
Height: 11.30" (287mm)
Weight: 97.7 lbs. (44.3kg)



DC210-12

(210AH/12 Volt)

Reference: 4D

Length: 20.87" (530mm)
Width: 8.23" (209mm)
Height: 8.58" (218mm)
Weight: 133.4 lbs. (60.5kg)



DC215-12

(215AH/12 Volt)

Reference: 921/J185

Length: 15.00" (381mm)
Width: 7.00" (178mm)
Height: 14.61" (371mm)
Weight: 132.3 lbs. (60kg)



DC240-12

(240AH/12 Volt)

Reference: 8D

Length: 20.47" (520mm)
Width: 10.59" (269mm)
Height: 8.19" (208mm)
Weight: 165.8 lbs. (75.2kg)



DC260-12

(260AH/12 Volt)

Reference: 8D

Length: 20.51" (521mm)
Width: 10.59" (269mm)
Height: 8.82" (224mm)
Weight: 172.4 lbs. (78.2kg)



ISO9001: 2000 Quality Guarantee System





HC Series
HGL Series
DC Series

For sales within the U.S. & Canada

+ 800.522.8191 tel

+ 805.435.1949 fax

www.fullriverdcbattery.com

sales@fullriverdcbattery.com

