

# DC Series

From 24Ah to 400Ah

AGM batteries for deep cycle service

Xbatt DC(Deep Cycle) series batteries are designed to have a large amount of stored current discharged between charging sessions, with very heavy non-porous battery plates to withstand repeated major discharging and charging cycle(deep cycle). The DC series uses a different chemistry for the plates active paste material, and a slightly stronger electrolyte than normal battery electrolyte, which allows for a much longer life in deep cycle applications

## General Feature

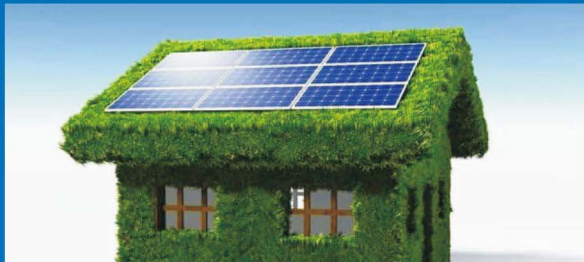
- Superior deep cycle design
- High power density
- Thick plates and high-density active material

## Construction

- **Plate:** All positive and negative plates are made from lead tin calcium alloy
- **Container & case:** ABS material, highly resistant to shock and vibration
- **Electrolyte:** The battery electrolyte contains fumed silica, and there is no flow, no leakage or no graduation of acid liquor
- **Separators:** low resistance microporous glass fiber. The electrolyte is absorbed within this material, preventing acid spills in case of accidental damage
- **Terminal:** with brass insert for maximum conductivity and with high compression grommet for long life
- **Relief valve:** self-regulating pressure relief valve prevents in gress of atmospheric oxygen

## Applications

- Aerial work platform(AWP)
- Electric power vehicles
- Floor machine
- Golf cars and buggies
- Solar and wind power system



## General specifications

BATTERY TYPE	INDUSTRY REF.	NOMINAL VOLTAGE (V)	NOMINAL CAPACITY (AH)	DIMENSION(mm)				TERMINAL	WEIGHT (kg)
				LENGTH	WIDTH	HEIGHT	TOTAL HEIGHT		
DC200-6	27	6	200	306	169	220	226	T5	30
DC220-6	27	6	220	306	174	220	226	T5	32.2
DC224-6	GC2	6	224	260	180	245	251	T5	29.8
DC245-6	(DIN)	6	245	244	190	275	275	T5/AP	30
DC335-6	902/J305	6	335	295	178	346	366	DT/T5/AP	46
DC400-6	L16	6	400	295	179	404	424	DT/T5/AP	55.7
DC200-8	GC8H	8	200	260	182	295	299	T5	37.6
DC24-12	N/A	12	24	167	175	125	125	T2	8
DC26-12	N/A	12	26	167	175	125	125	T2	8.3
DC26-12S	N/A	12	26	166	126	174	174	T2	8.4
DC35-12	U1	12	35	196	131	155	167	T3	10.5
DC40-12	U1L	12	40	198	166	174	174	T2	14.2
DC55-12	22NF	12	55	229	138	208	212	T3	16
DC65-12	93	12	65	351	167	176	176	T3	23.6
DC70-12	24	12	70	260	169	211	215	T3	24
DC85-12	24	12	85	260	169	211	215	T3	25.1
DC90-12	27	12	90	307	169	211	215	T3	28.2
DC105-12	27	12	105	307	169	211	215	T3	30.2
DC115-12	31	12	115	331	175	214	218	T4	32.9
DC115-12S	31	12	115	328	172	214	220	T4	32.7
DC120-12	N/A	12	120	407	174	210	240	T5	38.2
DC135-12	N/A	12	135	341	173	281	287	T5	39.2
DC150-12	N/A	12	150	484	171	241	241	T4	44.5
DC160-12	N/A	12	160	484	171	241	241	T4	45.5
DC180-12	4D	12	180	532	206	216	221	T4	56
DC200-12	4D	12	200	522	240	219	224	T4	58.4
DC210-12	4D	12	210	532	206	216	221	T4	57.8
DC220-12	4D	12	220	522	240	219	224	T4	65
DC240-12	8D	12	240	520	269	203	208	T5	71
DC260-12	8D	12	260	521	269	220	224	T5	77

XC SERIES  
AGM VRLA battery

FT SERIES  
flat plate flooded battery

XL SERIES  
2v long life battery

UPS SERIES  
High rate battery

DC SERIES  
Deep cycle battery

DC SERIES  
Deep cycle gel battery

CB SERIES  
Lead carbon battery

OPZV SERIES  
Tubular gel battery

OPZS SERIES  
Tubular flooded battery