

Deep-cycle Agm Batteries(DC Series)

DC Series Deep-Cycle AGM batteries are ideal for applications that require sealed batteries with heavy-duty cycling capabilities or for backup power.



Key Features

- New High-Density Active Paste Material.
- Heavy Duty Thick Grids.
- Special Lead-Calcium Alloy Grids.
- Tank Formation Activation of Plates.
- 10 Days Curing Chamber Process.
- Unique Low Resistance Micro-Porous Glass Fiber Separators.
- Maintenance Free, Spill-Proof/Leak Proof.
- Self Regulating Pressure Relief Valves.
- Low Self Discharge Rate, Only 1% Per Month.
- Faster Recharging Times.
- Excellent Recovery from Deep Discharge.

Benefits

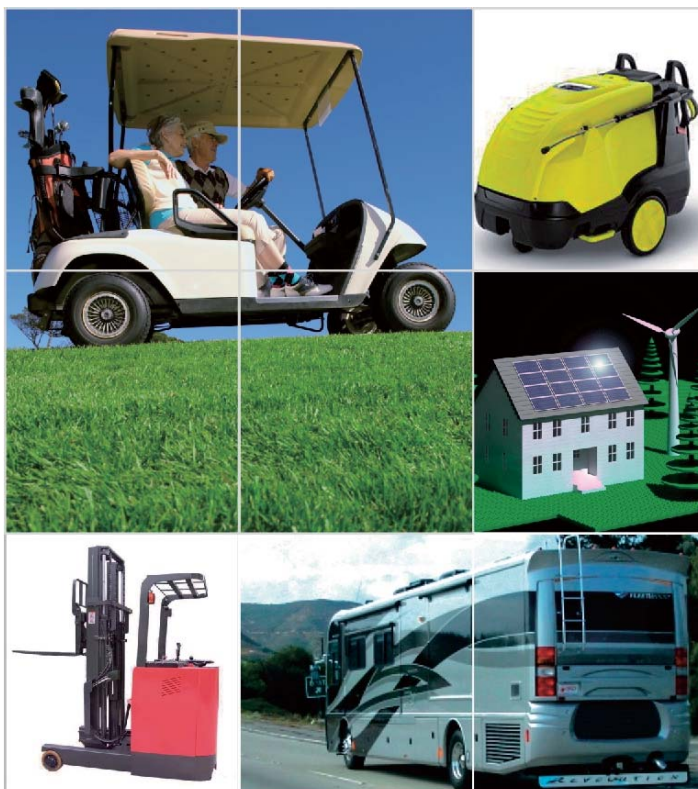
- High Capacity and Long Life.
- True Deep Cycle Construction For Long Life.
- Superior Corrosion Resistance.
- Ensures Fully Formed, Voltage Matched Plates.
- Excellent Bonding of Active Material Paste to Grids Resulting in Longer Life.
- Enhanced Electrolyte Retention.
- DOT,IATA,ICAO and IMDG Approved as Safe for Air & Sea Transportation.
- Sure and Safe Operation of Batteries.
- Longer Shelf Life, Easy Storage.
- Rugged Construction, Shock and Vibration Resistant.
- Recognized Around The World.

Specifications

- **Voltage:** 6V, 8V, 12V
- **Capacity:** 14~420Ah
- **Separator:** AGM (Absorbent Glass Mat)
- **Container and Covers Material:**
ABS, UL94HB (UL94V-0 on request)
- **Design Life:** 750 cycles at 75%DOD (IEC60254-1:2005)
- **Operating Temperature Range:**
Discharge: $-15^{\circ}\text{C} \sim 50^{\circ}\text{C}$ ($5^{\circ}\text{F} \sim 122^{\circ}\text{F}$)
Charge: $0^{\circ}\text{C} \sim 40^{\circ}\text{C}$ ($32^{\circ}\text{F} \sim 104^{\circ}\text{F}$)
Storage: $-15^{\circ}\text{C} \sim 40^{\circ}\text{C}$ ($5^{\circ}\text{F} \sim 104^{\circ}\text{F}$)
- **Nominal Operating Temperature Range:**
 $25^{\circ}\text{C} \pm 3^{\circ}\text{C}$ ($77^{\circ}\text{F} \pm 5^{\circ}\text{F}$)
- **Cycle Service Charging Voltage:**
 $2.4\text{V/cell} \sim 2.5\text{V/cell}$ at 25°C (77°F)
- **Float Charging Voltage:**
 $2.25\text{V/cell} \sim 2.3\text{V/cell}$ at 25°C (77°F)
- **Temperature Compensation Factor:**
Float (Standby) Use: $-3 \text{ mV/}^{\circ}\text{C/cell}$
Cycle Use: $-4 \text{ mV/}^{\circ}\text{C/cell}$
- **Recommended Charging Current:**
 $0.15\text{C}_{20} \sim 0.35\text{C}_{20}$
- **Maximum Discharge Current:**
 $\text{C}_{20} \leq 100\text{AH}$, 15C (5S);
 $100\text{AH} < \text{C}_{20} \leq 260\text{AH}$, 10C (5S);
 $\text{C}_{20} > 260\text{AH}$, 5C (5S).

Applications

- Renewable Energy Systems
- Golf/Utility Vehicles
- Floor Machines
- Aerial Work Platform
- Recreational Vehicles (RV)
- Medical Mobility
- Neighborhood Electric Vehicles
- Marine Vessels



DC Series Technical Specification

Model No	Industry No	Rated Voltage (V)	Rated Capacity (Ah)	Dimension				Weight		Terminal Type
				Length	Width	Height	Total Height	kg	pound	
				mm	mm	mm	mm			
6V DEEP CYCLE AGM BATTERY										
DC200-6	27	6	200/20HR	306	168	220	226	30	66.00	T5
DC210-6	GC2/T605	6	210/20HR	260	180	246	252	29.5	64.90	T5
DC220-6	27	6	220/20HR	306	168	220	226	31.5	69.30	T5
DC225-6	DIN/TE35	6	225/20HR	243	187	275	275	30.5	67.10	T5/AP
DC226-6	GC2/T105	6	226/20HR	260	180	247	252	30	66.00	T5
DC250-6	T145	6	250/20HR	260	180	265	272	34.5	75.90	T5
DC310-6	902/J305	6	310/20HR	295	178	354	360	46.0	101.20	T5/DT
DC330-6	902/J305	6	330/20HR	295	178	354	360	46.6	102.52	T5/DT
DC380-6	L16P	6	380/20HR	295	178	404	410	55.3	121.66	T5/DT
DC420-6	L16H	6	420/20HR	295	178	404	410	56.8	124.96	T5/DT
8V DEEP CYCLE AGM BATTERY										
DC170-8	T875/890	8	170/20HR	260	182	266	271	34.0	74.80	T5
DC200-8	GC8H	8	200/20HR	260	182	295	300	38.0	83.60	T5
12V DEEP CYCLE AGM BATTERY										
DC14-12	N/A	12	14/20HR	152	99	96	102	3.8	8.36	F2
DC18-12	N/A	12	18/20HR	181	77	167	167	5.4	11.88	T1/L1
DC20-12	N/A	12	20/20HR	181	77	167	167	6.0	13.20	T1/L1
DC24-12	N/A	12	24/20HR	166	175	126	126	8.3	18.26	T2
DC26-12	N/A	12	26/20HR	165	126	174	174	8.4	18.48	T2
DC35-12	U1	12	35/20HR	196	130	155	167	10.5	23.10	T3
DC40-12	U1L	12	40/20HR	198	166	174	174	14.2	31.24	T3
DC48-12	U1L	12	48/20HR	198	166	174	174	14.5	31.90	T3
DC55-12	22NF	12	55/20HR	229	138	208	212	16	35.20	T3
DC70-12	93	12	70/20HR	350	167	178	178	23.3	51.26	T3
DC75-12	24	12	75/20HR	260	169	211	215	25	55.00	T3
DC85-12	24	12	85/20HR	260	169	211	215	26.1	57.42	T3
DC90-12	27	12	90/20HR	307	169	211	216	28.2	62.04	T3/AP
DC100-12	27	12	100/20HR	307	169	211	216	30.2	66.44	T3/AP
DC110-12	31	12	110/20HR	331	174	214	219	33.3	73.26	T4/AP
DC110-12B	31	12	110/20HR	328	172	210	233	32.8	72.16	T4/AP
DC120-12	N/A	12	120/20HR	407	173	210	233	39.2	86.24	T5
DC135-12	J150	12	135/20HR	341	173	283	287	40.8	89.76	T5/AP
DC150-12	N/A	12	150/20HR	484	171	241	241	45.5	100.10	T4
DC150-12B	T1275	12	150/20HR	328	182	264	271	44.2	97.24	T5
DC180-12	4D	12	180/20HR	532	206	215	219	56	123.20	T4
DC200-12	4D	12	200/20HR	532	206	216	222	58.4	128.48	T4
DC220-12	4D	12	220/20HR	522	240	219	223	65	143.00	T5
DC240-12	8D	12	240/20HR	520	269	203	207	71.0	156.20	T5
DC260-12	8D	12	260/20HR	520	268	220	224	77	169.40	T5