

AGM CARBON

NON-SPILLABLE & MAINTENANCE FREE

TECHNOLOGY

FDC AGM Carbon Series are Deep Cycle batteries, maintenance free and non-spillable, designed for **frequent and deep discharges**. Their robust construction ensures long life, high cycling resistance, and **low self-discharge**. **Carbon additives** enhance performance in partial state of charge (PSOC) conditions. Ideal for golf carts, cleaning machines, aerial work platforms, and other industrial or leisure applications requiring **intensive use**.

GENERAL INFORMATION

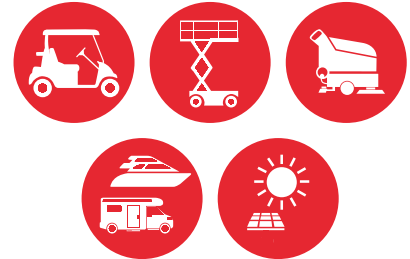
- » **Technology:** AGM (VRLA)
- » **Available voltages:** 6V, 8V, 12V
- » **Capacities from:** 13.5Ah to 342Ah (5hr)
- » **Cycle life:**
 - Up to 750 cycles at 80% DOD* (50% capacity @20°C)
 - Up to 1400 cycles at 50% DOD* (50% capacity @20°C)**Depth Of Discharge*
- » **Case material:** Polypropylene

FEATURES

- » **Non-spillable & maintenance-free:** safe, no refills needed
- » **No acid handling:** easy and safe installation
- » **Deep-cycle design:** high capacity and long life
- » **Reinforced grids & plates:** optimized for cyclic use
- » **Carbon additives:** better PSOC performance and charging efficiency
- » **No stratification:** consistent performance
- » **Robust and reliable:** ideal for demanding applications
- » **Low self-discharge:** longer shelf life

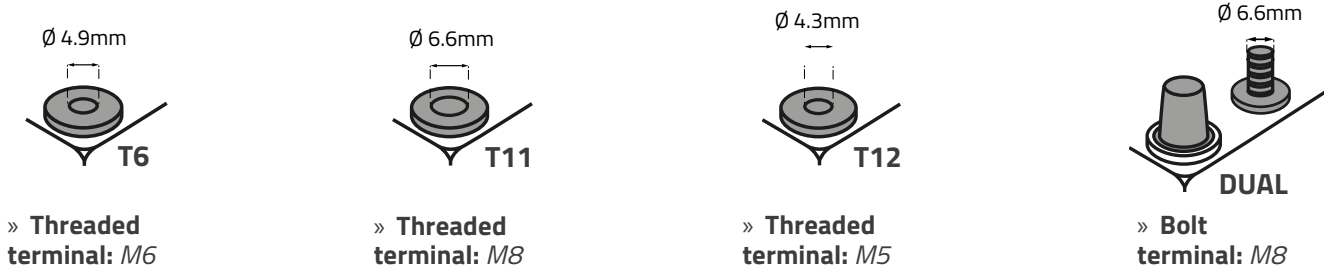


APPLICATIONS



DESIGNATION	P/N	BOX SIZE	VOLTAGE (V)	CAPACITY Ah (20hr)	CAPACITY Ah (5hr)	RESERVE CAPACITY (min)		DIMENSIONS (+/- 2 mm)				POLARITY	TERMINAL
						@25A	@75A	L	W	H	Total Height		
FDC6-225	593019	GC2	6	225	192	490	135	259	180	247	253	⊖ ⊕	T11
FDC6-245	593010	-	6	245	210	530	145	243	187.5	275	275	⊕ ⊖	T11
FDC6-265	593027	GC2	6	268	230	620	165	262	180	263	268	⊖ ⊕	T11
FDC6-350	593011	902	6	350	305	820	240	295	180	346	368	⊖ ⊕	DUAL
FDC6-400	593012	903	6	400	342	925	265	295	180	406	428	⊖ ⊕	DUAL
FDC8-170	593026	GC8	8	170	145	325	-	260	180	252	274	⊕ ⊖	DUAL
FDC12-14	593022	-	12	15	13.5	-	-	151.5	99.5	99.5	98.2	⊕ ⊖	T12
FDC12-24	593013	-	12	25	22.6	-	-	181.5	77	170	170	⊖ ⊕	T12
FDC12-39	593030	-	12	39	35	-	-	195	130	167	167	⊕ ⊖	T6
FDC12-43	593031	-	12	43	34	-	-	267.5	77.5	171	171	⊖ ⊕	T12
FDC12-46	593020	-	12	53	44	-	-	197	166	170	170	⊖ ⊕	T6
FDC12-55	593033	-	12	55	48	-	-	223	123	172	175	⊖ ⊕	T6
FDC12-60	593025	-	12	68	57	-	-	229	138	216.5	216.5	⊖ ⊕	T6
FDC12-75L	593038	-	12	76	65	137	-	260	168	173	176	⊕ ⊖	T6
FDC12-75	593021	-	12	82	71	160	-	260	168	208	214	⊕ ⊖	T6
FDC12-90	593014	24	12	90	77	175	43	260	168	208	232.5	⊕ ⊖	T6
FDC12-105	593023	27	12	108	96	220	55	306	168	208	214	⊕ ⊖	T11
FDC12-115	593015	31	12	118	107	239	65	330	173	212	220	⊕ ⊖	T11
FDC12-145	593016	-	12	148	122	308	88	340	172	280	286	⊕ ⊖	T11
FDC12-150	593017	GC12	12	150	136	323	90	327	180	274	274	⊕ ⊖	T11
FDC12-180	593028	-	12	180	162	395	108	483	170	238.5	238.5	⊕ ⊖	T11

TERMINAL CONFIGURATIONS



CYCLE LIFE

