

AGM CARBON RANGE

Non-spillable & maintenance free

FDC AGM Carbon Series are Deep Cycle batteries, maintenance free and non-spillable, specifically designed for frequent discharge deep cycle applications. With strong industrial design, FDC AGM Carbon Series are robust and ensure a maximum service life with high resistance to cycles and also low self-discharge. The carbon additive makes them perform at a high level in case of partial state of charge (PSOC).

GENERAL INFORMATIONS

- Technology: AGM (VRLA)
- Available voltages: 6V, 8V, 12V
- Capacities from 15Ah to 400Ah
- Cycle life:
 - Up to 750 cycles at 80% DOD* (50% capacity @20°C)
 - Up to 1400 cycles at 50% DOD* (50% capacity @20°C)
- Case material: polypropylene

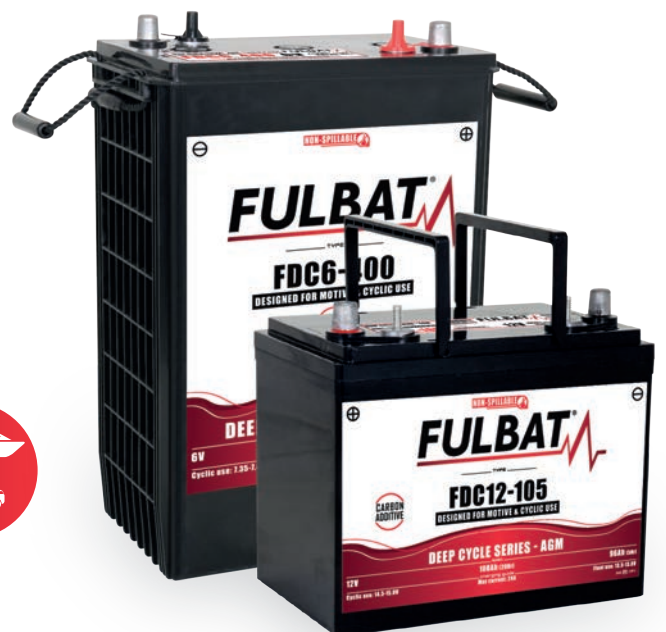
*Depth Of Discharge



FEATURES

- Non-spillable & maintenance free
- No acid handling
- Deep cycle design for high capacity and maximum life
- Reinforced grid/plates design for optimal cyclic use
- Carbon additives to perform in partial state of charge (PSOC) and to increase charging efficiency
- No stratification phenomenon
- Robust, safe & reliable
- Low self-discharge rate for longer shelf life

APPLICATIONS



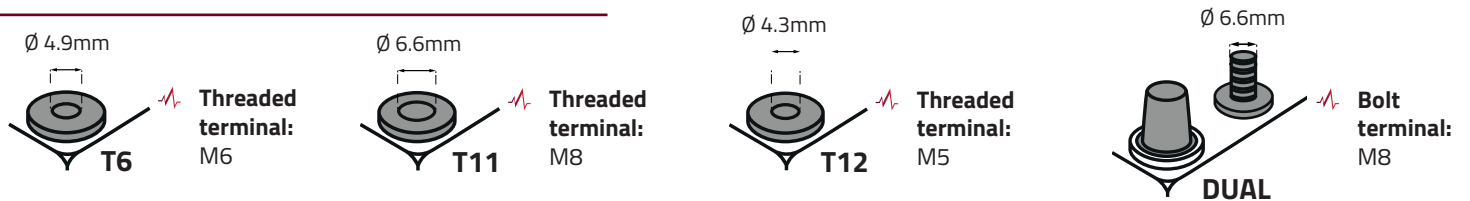
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Designation	P/N	Box size	Voltage (V)	Capacity Ah (20Hr)	Capacity Ah (5Hr)	Reserve capacity (capacity minutes)		Dimensions (±2mm)				Polarity	Terminal
						@25A (min)	@75A (min)	L	W	H	Total height		
FDC6-225	593019	GC2	6	225	192	490	135	259	180	247	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	95.5	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
FDC12-75	593021	-	12	82	71	160	-	260	168	208	214	⊕ ⊖	T6
FDC12-90	593014	24	12	90	77	175	43	260	168	208	232.5	⊕ ⊖	DUAL
FDC12-90	593029	24	12	90	77	175	43	260	168	208	214	⊕ ⊖	T11
FDC12-105	593018	27	12	108	96	220	55	306	168	208	232.5	⊕ ⊖	DUAL
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

