

ADVANCED DEEP CYCLE SERVICE

POWER-TEC[®]

ABSORBED GLASS MAT TECHNOLOGY



POWER-TEC batteries bring you the latest in a completely spillproof and maintenance-free AGM design that eliminates watering and unnecessary maintenance. These AGM batteries are an ideal solution for the needs of marine, wheelchair, RVs, emergency lighting, golf cars, and other deep cycle applications.

An enhanced electrolyte suspension system provides added protection against the deep discharges typical of deep cycle use. It also delivers optimized starting power. Above and beyond conventional batteries, they deliver 2x the cycle and 20x the vibration resistance for superior **POWER-TEC** AGM performance.

QUALITY SYSTEM
CERTIFIED
ISO 9001
ISO/TS 16949
ENVIRONMENTAL
SYSTEM CERTIFIED
ISO 14001



UL Recognized Component

POWER-TEC®

ABSORBED GLASS MAT TECHNOLOGY FOR PREMIUM PERFORMANCE

POWER-TEC HAS EXTRA PROTECTION AGAINST DEEP DISCHARGING

Ultra-deep discharging is what causes life-shortening plate shedding and accelerated positive grid corrosion, which can destroy a battery. POWER-TEC deep cycle service batteries are designed to use the optimized amount of acid. This means that the power in the acid is used before the power in the plate. This protects the internal components from ultra-deep discharges.



ENHANCED ELECTROLYTE SUSPENSION SYSTEM

- Absorbs more electrolyte, protects internal components
- Micro-porous glass separators prevent acid spills and terminal corrosion
- 2x the cycle life* extends performance and life, powers more accessories longer
- 20x more vibration protection* resists vibration and electrical loading damage
- Spillproof design enables flexible installation (upside-down not recommended)

**above and beyond conventional designs*

GROUP NO.	PART NO.	PERFORMANCE LEVEL				APPROX. WEIGHT (lbs.)	MAXIMUM OVERALL DIMENSIONS						FOOTNOTES
		CCA @ 0°F	RES. CAP.	REF. MCA	20 AH RATE		Length		Width		Height		
							inch	mm	inch	mm	inch	mm	
12 VOLT HEAVY-DUTY DEEP CYCLE ABSORBED GLASS MAT (AGM) VALVE REGULATED													
U1	8AU1	200	48	240	32	24	7 3/4	197	5 1/2	130	7 1/4	184	2,38,39,Y
U1	8AU1H	200	48	240	32	24	8 5/16	211	5 1/2	130	7 1/4	184	2,17,38,39,Y
22NF	8A22NF	350	85	420	55	38.5	9 3/4	238	5 1/2	140	9 1/4	235	2,38,39,G
24M	8A24M	525	135	800	79	53	10 1/4	276	6 3/4	171	9 3/4	251	2,17,38,39,U
24	8A24	525	135	800	79	53	10 1/4	276	6 3/4	171	9 3/4	251	2,17,38,39,G
24	8A24NH	525	135	800	79	53	10 1/4	260	6 3/4	171	9 3/4	251	2,38,39,G
27M	8A27M	580	175	900	92	63	12 3/4	324	6 3/4	171	9 3/4	251	2,17,38,39,U
27	8A27	580	175	900	92	63	12 3/4	324	6 3/4	171	9 3/4	251	2,17,38,39,G
31M	8A31DTM	800	200	1000	105	69	12 1/8	329	6 3/4	171	9 3/4	238	2,16,17,38,39,U
4D	8A4D	1110	380	1420	198	129	20 3/4	527	8 1/2	216	10	254	2,17
8D	8A8D	1450	480	1800	245	158	20 3/4	527	11	279	10	254	2,17
6 VOLT HEAVY-DUTY DEEP CYCLE ABSORBED GLASS MAT (AGM) VALVE REGULATED													
GC2	8AGC2	680	380	900	190	69.5	10 1/4	260	7 1/4	181	10 3/4	276	2,U

All batteries have SAE automotive posts unless noted

FOOTNOTES: 2. Black cover / Gray case 16. Dual terminal universal design 17. Includes handle 38. "Non-spillable" defined by DOT (Department of Transportation) definitions 39. "Non-spillable" defined by ICAO (International Commercial Airline Organization) and IATA (International Airline Transport Association) definitions G. Offset post w/ horizontal hole, stainless steel 5/16" bolt and hex nut (T881) U. Molded-in offset SAE post and vertical 5/16" NEG., 5/16" POS. stainless steel studs & hex nuts Y. Small L terminal with round holes

ALL RATINGS ARE AFTER 15 CYCLES AND CONFORM TO B.C.I. SPECIFICATIONS.

IMPORTANT CHARGING INSTRUCTIONS: WARRANTY VOID IF OPENED OR IMPROPERLY CHARGED. Do not install in a sealed container. Constant under or overcharging will damage any battery and shorten its life! Use a good constant potential, voltage-regulated charger. For 12-volt batteries, charge to at least 13.8 volts but no more than 14.6 volts at 77°F (25°C). For 8-volt batteries, charge to at least 9.2 volts but no more than 9.7 volts at 77°F (25°C). For 6-volt batteries, charge to at least 6.9 volts but no more than 7.3 volts at 77°F (25°C). The open circuit voltage of a fully charged 12-volt battery is 12.8V at 77°F (25°C). However, as the battery charges, the building internal pressure (voltage) causes resistance to the charge. Therefore, the on-charge voltage must be higher (at least 13.8V) to overcome this internal pressure (voltage) during charging.



MIDSTATE BATTERY

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