

RGA

General Purpose AGM Batteries



RGA is AGM battery it's great investment to help you to store your energy as backup power supply, or UPS (uninterrupted power supply). The AGM battery is a **high-tech battery**, and the AGM separator extends the cycle life, and it can play **major role** in the energy management system.

(x) Immune to vibration

RGA AGM battery offers thin ultra-fine fiberglass mat sandwiched between the plates constructions. This mat is then packed in between the plates and slightly compressed, then welded/soldered in place. Due to mats and plates are packed tightly, this battery is resistant to any vibrations.

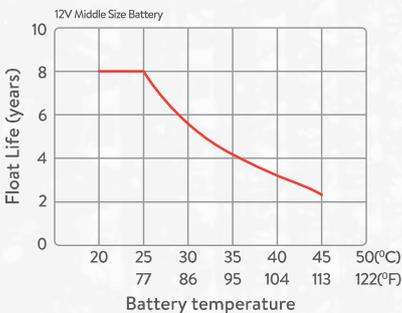
⚡ Non-spillable

Glass mat design is AGM battery is designed to absorb sulfuric acid or electrolyte which make this battery spill-proof, It also reduces the shipment risk and increase the safety aspect of the battery.

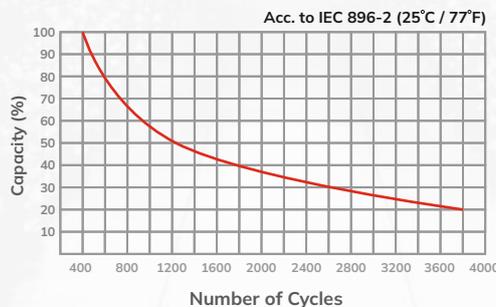
⚙️ Maintenance free

RGA AGM battery is less prone to sulfation and it can sit in storage for long time before it needs to be recharged. In comparison, commonly, lead acid batteries need topping charge every six months to prevent the buildup of sulfation. Sulfation is one of cause of early failure of lead-acid battery. AGM battery also has low self-discharge which makes this battery maintenance free.

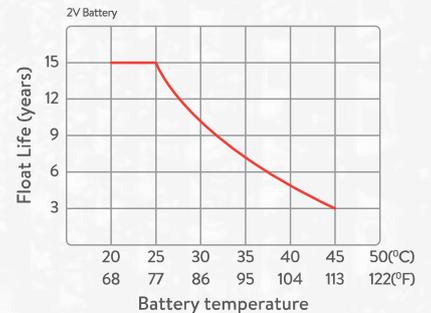
Float Service Life



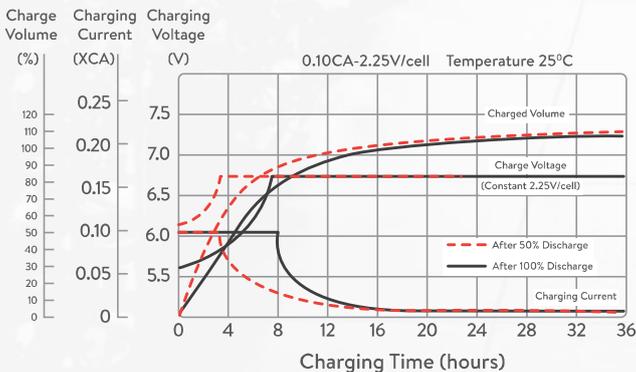
Cycle Life in Relation to Depth of Discharge



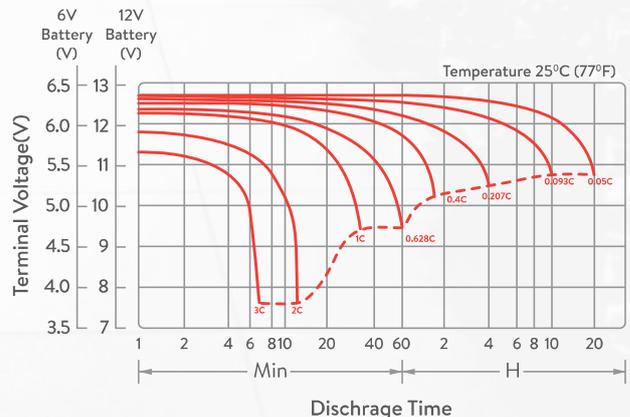
Effect of Temperature on Long Term Float Life



Float Charging Characteristics



Discharge Characteristics



FEATURES AND PERFORMANCES:



Better life cycle than flooded systems



Vibrations resistance



Stands up well in low temperatures



Low internal resistance and high specific power



Fast charging technology

APPLICATIONS:



All purpose



Uninterruptible Power Supply (UPS)



Electric Power System (EPS)



Emergency light



Emergency backup power supply



Auto control system



Tele-communication central station (wired or cellular)



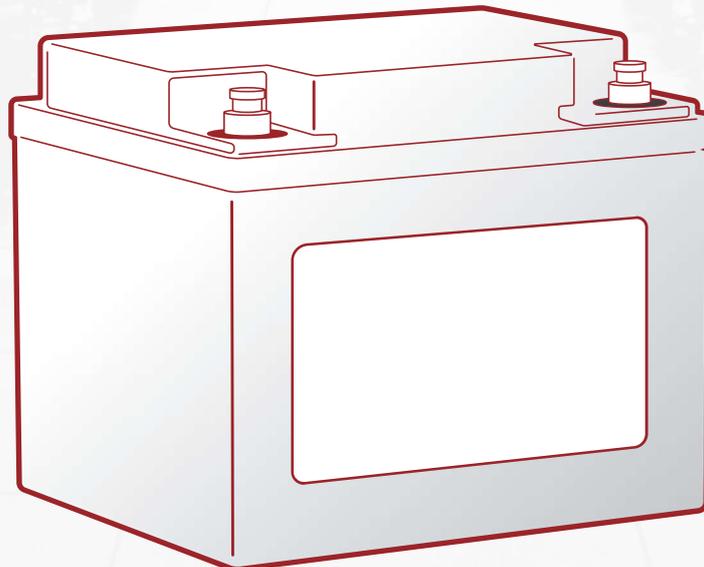
Power system communication



Network communication including data transmission



Uninterruptible Power System (UPS- for Telecom)



Our range of RGA AGM Battery and technical specifications

Model	Rated Voltage	Rated Capacity	Length		Width		Height		TH		Weight		Terminal Type
	V	Ah	mm	in.	mm	in.	mm	in.	mm	in.	kg	lbs.	
RGA 6-4.0	6	4	70	2,76	47	1,85	100	3,94	106	4,17	0,65	1,43	T1/T1
RGA 12-7.0	12	7	151	5,94	65	2,56	93,5	3,68	99,5	3,92	1,97	4,34	T1/T2
RGA 12-9.0	12	9	151	5,94	65	2,56	93,5	3,68	99,5	3,92	2,60	5,73	T1/T3
RGA 12-12	12	12	151	5,94	98	3,86	95	3,74	101	3,98	3,24	7,14	T1/T4
RGA 12-14	12	14	151	5,94	98	3,86	95	3,74	101	3,98	3,90	8,6	T1/T5
RGA 12-15	12	15	181.5	7,15	76,5	3,01	167,5	6,59	167,5	6,59	4,70	10,36	T3
RGA 12-18	12	18	181.5	7,15	76,5	3,01	167,5	6,59	167,5	6,59	5,40	11,9	T3
RGA 12-20	12	20	181.5	7,15	76,5	3,01	167,5	6,59	167,5	6,59	5,78	12,74	T12-I(M5)
RGA 12-24	12	24	166	6,54	175	6,89	125	4,92	125	4,92	7,20	15,87	T3
RGA 12-26	12	26	166	6,54	175	6,89	125	4,92	125	4,92	7,80	17,2	T6-I(M6)
RGA 12-28	12	28	166	6,54	175	6,89	125	4,92	125	4,92	8,40	18,52	T5
RGA 12-30	12	30	195	7,68	130	5,12	164	6,46	167	6,57	9,70	21,38	T5
RGA 12-33	12	33	195	7,68	130	5,12	164	6,46	178	7,01	10,50	23,15	T6(M6)
RGA 12-35	12	35	195	7,68	130	5,12	164	6,46	178	7,01	11,20	24,69	T6(M6)
RGA 12-38	12	38	197	7,76	165	6,5	170	6,69	170	6,69	12,00	26,46	T6(M6)
RGA 12-42	12	40	197	7,76	165	6,5	170	6,69	170	6,69	13,70	30,2	T6(M6)
RGA 12-45	12	45	197	7,76	165	6,5	170	6,69	170	6,69	14,20	31,31	T6(M6)
RGA 12-50	12	50	257	10,12	132	5,2	200	7,87	200	7,87	15,70	34,61	T6(M6)
RGA 12-55	12	55	229	9,02	138	5,43	205	8,07	211	8,31	16,20	35,71	T6(M6)
RGA 12-60	12	60	260	10,24	168	6,61	208	8,19	214	8,43	18,40	40,57	T6(M6)
RGA 12-65	12	65	348	13,70	167	6,57	178	7,01	178	7,01	19,20	42,33	T6(M6)
RGA 12-70	12	70	348	13,70	167	6,57	178	7,01	178	7,01	21,40	47,18	T6(M6)
RGA 12-75	12	75	260	10,24	168	6,61	208	8,19	214	8,43	22,30	49,16	T6(M6)
RGA 12-80	12	80	260	10,24	168	6,61	208	8,19	214	8,43	23,80	52,47	T6(M6)
RGA 12-100F	12	100	394	15,5	110	4,33	286	11,3	286	11,3	31,00	68,3	FT(M6)
RGA 12-100	12	100	330	12,99	173	6,81	212	8,35	220	8,66	28,00	61,73	T11(M8)
RGA 12-120	12	120	408	16,06	177	6,97	225	8,86	225	8,86	35,00	77,16	T11(M8)
RGA 12-140	12	140	345	13,58	172	6,77	274	10,79	280	11,02	41,20	90,83	T11(M8)
RGA 12-150	12	150	483	19,02	170	6,69	238,5	9,39	238,5	9,39	43,20	95,24	T11(M8)
RGA 12-180	12	180	532	20,94	207	8,15	214	8,43	220	8,66	51,00	112,44	T11(M8)
RGA 12-200	12	200	522	20,55	240	9,45	218	8,58	224	8,82	59,80	131,84	T11(M8)
RGA 12-250	12	250	522	20,55	268	10,55	220	8,66	226	8,9	72,80	160,5	T11(M8)

 info@renergypower.com

 (0044) 1908920612

 500 Avebury Boulevard, Milton Keynes,
Buckinghamshire, MK9 2BE

