

# RENERGY POWER "Empowering Excellence Worldwide"



## **VRLA Energy Storage**

## RGA



**Renergy Power,** established in 2016 in the United Kingdom, is a leading manufacturer of premium Lithium-ion and VRLA batteries.

We were founded to meet the increasing demand for efficient and sustainable energy storage solutions. Our batteries are engineered for diverse applications, ranging from renewable energy systems to industrial equipment, serving both residential and commercial needs. With a strong focus on innovation, reliability, and environmental sustainability, Renergy Power is dedicated to delivering long-lasting, high-performance batteries that help build a greener, more connected future.

## II ■ RGA

The RGA AGM battery is a maintenance-free, non-spillable solution designed for durability and safety. ideal for long-term storage without the need for frequent recharging. Its robust construction ensures reliable performance, and with a cycle life of 1200, the RGA battery offers a long-lasting energy solution perfect for a range of applications.

## **Key Features**



Better Cycle life Than Flooded Systems



Fast Charging Technology

RGA 12-200 (12V200Ah)



Stands Up Well in Low Temperatures



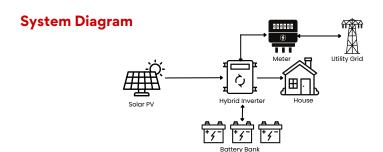
Non-Spillable



Low Internal Resistance and High Specific Power



Immune To Vibration

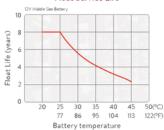


## **Applications**

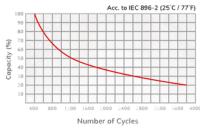
- ✓ All Purpose
- ✓ Uninterruptable Power Supply(UPS)
- ✓ Electric Power System (EPS)
- **✓** Emergency Back-Up Power Supply
- ✓ Auto Control System
- Tele-Communication Central Station (Wired Or Cellular) Power System Communication
- Network communication Including Data Transmission, Television Signal
- Uninterruptable Power System (UPS- for Telecom)

Model	Rated voltage (V)	Rated Capacity (Ah)	Length (mm)	Length (in)	Width (mm)	Width (in)	Height (mm)	Height (in)	TH (mm)	TH (in)	Weight (kg)	Weight (lbs)	Terminal
RGA 6- 4.0	6	4	70	2.76	47	1.85	100	3.94	106	4.17	0.65	1.43	T1/T2
RGA 12-7.0	12	7	151	2.76	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	2.6	5.73	т1/т2
RGA 12-12	12	12	151	5.94	98	3.86	95	3.74	101	3.98	3.24	7.14	T1/T2
RGA 12-14	12	14	151	5.94	98	3.86	95	3.74	101	3.98	3.9	8.6	т1/т2
RGA 12-15	12	15	181.5	7.15	76.5	3.01	167.5	6.59	167.5	6.59	4.7	10.36	Т3
RGA 12-18	12	18	181.5	7.15	76.5	3.01	167.5	6.59	167.5	6.59	5.4	11.9	Т3
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	7.2	15.87	Т3
RGA 12-26	12	26	166	6.54	175	6.89	125	4.92	125	4.92	7.8	17.2	T12-I(M5)
RGA 12-28	12	28	166	6.54	175	6.89	125	4.92	125	4.92	8.4	18.52	Т3
RGA 12-30	12	30	195	7.68	130	5.12	164	6.46	167	6.57	9.7	21.38	т6-І(м6)
RGA 12-100	12	100	330	12.99	173	6.81	212	8.35	220	8.66	30.5	61.73	тіі(м8)
RGA 12-200	12	200	522	20.55	240	9.45	218	8.58	224	8.82	62.5	131.84	тіі(м8)

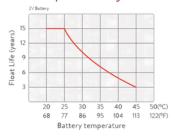
#### Float Service Life



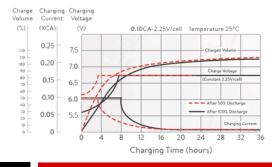
Cycle Life in Relation to Depth of Discharge



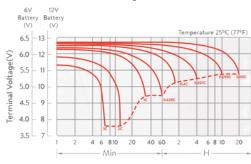
Effect of Temperature on Long Term Float Life



### Float Charging Characteristics



### Discharge Characteristics



## **a**

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