

RGG

General Purpose Gel Batteries



Our **General GEL** battery, **RGG - GEL Battery**, can support your electrical apparatuses and easily install to power up your equipment. General GEL battery is **maintenance-free**, **longer service life**, and **durable** in any condition. General GEL battery is suitable for **wide applications** such as power station systems, marine systems, and even large UPS (uninterrupted power supply).

Maintenance-free

General GEL battery provides flexibility for your equipment due to flexible operation in any positions you may prefer. Our battery technology has safe mechanism that can reduce the damage caused by overcharge applications which makes our battery maintenance-free. By doing so, your employees or technician can be more focus and be efficient in what they do instead of maintaining battery health periodically.

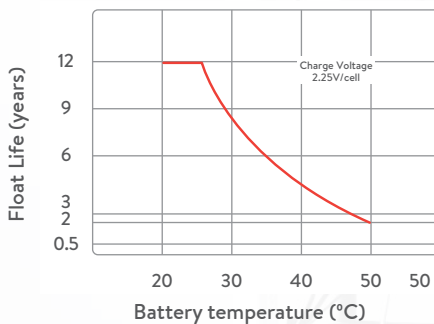
Longer service life

We believe that lifetime is one of the critical value to help your business more sustain. Our General GEL have longer service life that could power up your equipment or tools to perform better. It also would reduce your battery cost investment in long-run and increase your profit.

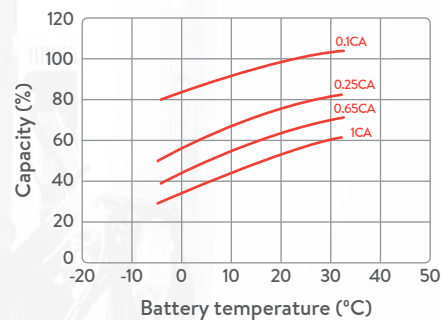
Durable in any condition

We don't just make good quality product, we also care about its durability. Our battery technology can deliver high quality power to your tools and equipments even in extremely cold environment which makes its also applicable in cold weather countries. Deep discharge protection feature allows our battery highly resistant against excessively deep discharge, making your equipment or tools retaining its function even when the battery is discharged to 20% of its nominal capacity.

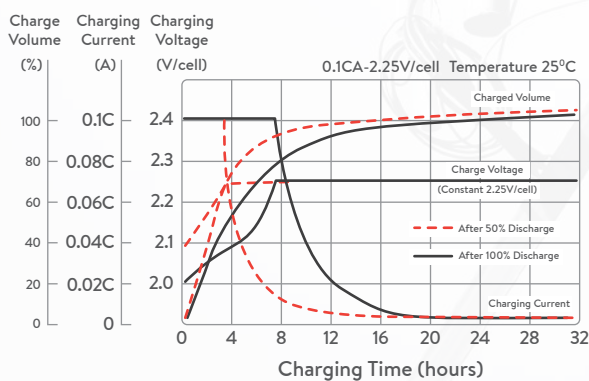
Temperature Effects on Long Term Float Life



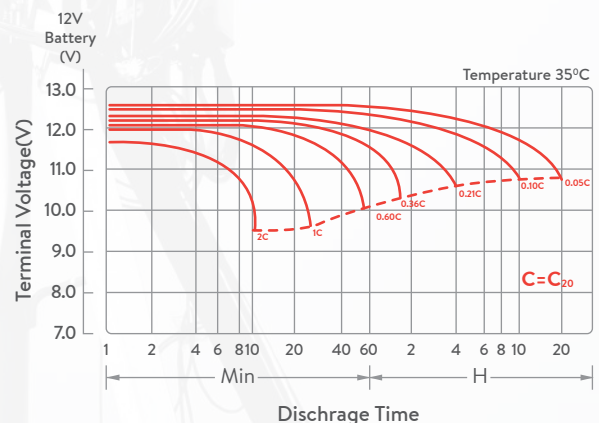
Temperature Effects in Relation to Battery Capacity



Float Charging Characteristics



Discharge Characteristics



FEATURES AND PERFORMANCES:



Easy to install



Better cycle capacity



No fume emissions



Resistant to vibration



Deep discharge protection



Nano-meter fumed
silica GEL



ABS material (UL94 V-0,
optional)



Comply with PVRS 5A,
IEC61427, Kds standards



Operation
temperature: -20~60°C



12 years design life



≥500 Cycles @ 80%DOD



≤2% Self discharge



Fast recharge

APPLICATIONS:



Wind & solar &
renewable energy



Street lamp & CATV & oil
and gas



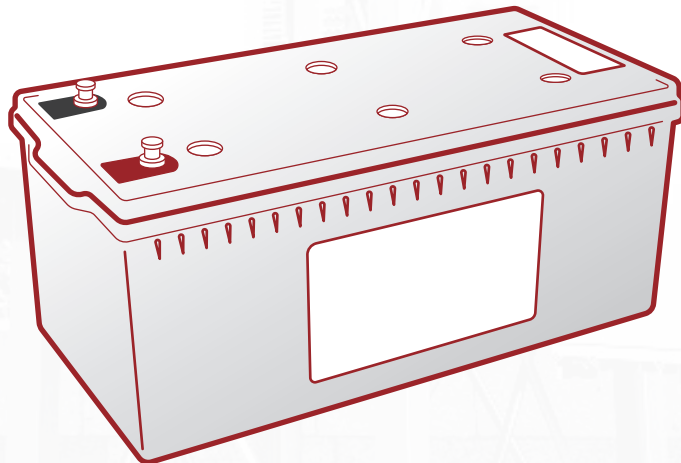
Poor grid reliability
back-up applications



Hybrid telecom remote
base stations



All extreme environment
off-grid applications



Our range of Hybrid GEL Battery and technical specifications

Model	Rated Voltage	20Hr	10Hr	Length		Width		Height		TH		Weight		Terminal Type
	V	1.8V /cell	1.75V /cell	mm	in.	mm	in.	mm	in.	mm	in.	kg	lbs.	
RGG12-45	12	45	42	257	10,1	132	5,2	200	7,9	200	7,9	16,2	35,7	T6(M6)
RGG12-50	12	50	46,5	229	9	138	5,4	205	8,1	211	8,3	16,6	36,6	T6(M6)
RGG12-60	12	60	55,8	325	12,8	167	6,6	174	6,9	174	6,9	21,5	47,4	T6(M6)
RGG12-65	12	65	60,5	325	12,8	167	6,6	174	6,9	174	6,9	24	52,9	T6(M6)
RGG12-70H	12	70	65,1	260	10,24	168	6,6	208	8,2	214	8,4	23	50,7	T6(M6)
RGG12-85	12	85	78	306	12,05	168	6,6	208	8,2	214	8,43	26,5	58,4	T6(M6)
RGG12-100	12	96	90	330	13	173	6,8	212	8,4	218	8,6	30,8	67,9	T11(M8)
RGG12-110	12	110	105	408	16,06	177	7	225	8,9	225	8,9	35,7	78,7	T11(M8)
RGG12-125	12	130	125	345	13,6	172	6,8	274	10,8	280	11	47,3	104,3	T11(M8)
RGG12-140	12	135	135	483	19,02	170	6,7	238,5	9,39	238,5	9,39	43,9	96,8	T11(M8)
RGG12-200	12	210	190	522	20,6	240	9,5	218	8,6	224	8,8	62,5	137,8	T11(M8)
RGG12-240	12	240	230	522	20,6	268	10,6	220	8,7	226	8,9	77,5	170,9	T11(M8)



 info@renergypower.com

 (0044) 1908920612

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