

# REENERGY POWER

"Empowering Excellence Worldwide"

# PVC

VRLA Energy Storage



**Reenergy Power** Reenergy 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, Reenergy Power is dedicated to delivering long-lasting, high-performance batteries that help build a greener, more connected future.

## PVC

Our PVC deep cycle gel battery is designed particularly for high density power backup applications such as off-grid and solar power plant applications. We use only high-quality pure Lead to ensure longevity and robust performance. With a 2000-cycle life and 2 years warranty, our PVC is unbeatable.



## Key Features



Low Self-Discharge



Wide Range Of Temperature Operation

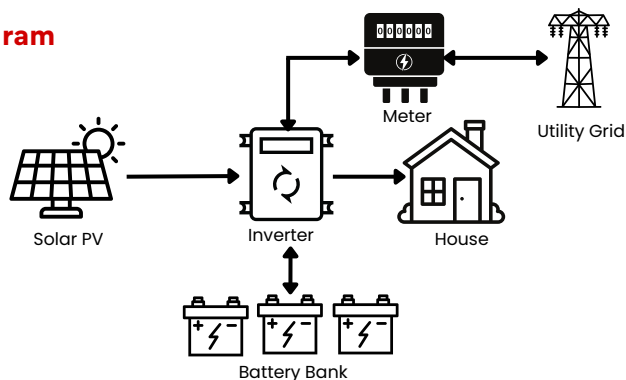


Flame Retardant



Fast Charging Technology

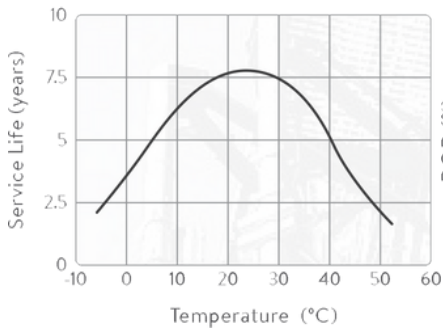
## System Diagram



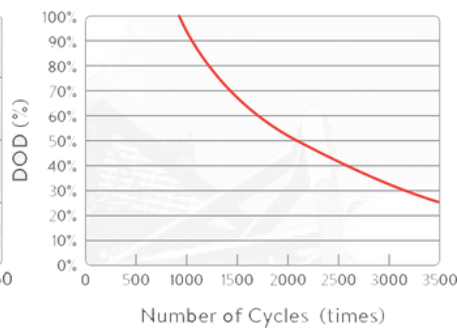
Part Number	Type	Capacity (10hr)	Terminal	Gross Weight (kg)	Internal resistance (mΩ)	Total H (mm)	H (mm)	L (mm)	W (mm)
PVC12-100G	Pvc gel	12v100AH	F12/M8	44	4.2	241	214	530	209
PVC12-150G	Pvc gel	12V 150AH	F14/M8	60	3.2	245	219	522	240
PVC12-200G	Pvc gel	12V 200AH	F14/M8	72	2.8	245	219	522	240

## Performance Characteristics

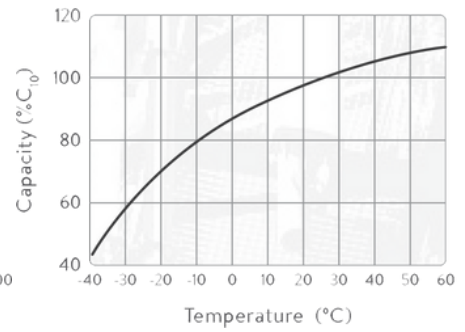
Temperature and Service Life



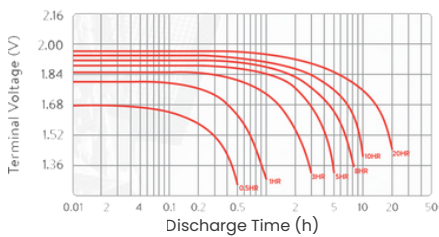
Cycle Service Life (25°C/77°F)



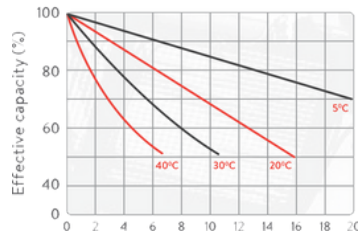
Temperature and discharge Capacity



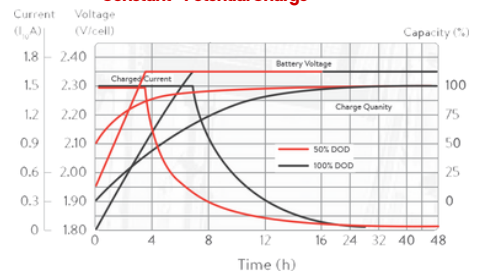
Discharge Characteristics at various Rates (25°C/77°F)



Self Discharge Parameters Characteristics



Constant - Potential Charge



### Less Maintenance

For off-grid applications, it is prominent to develop the battery that needs less maintenance. It is because doing maintenance in remote areas could be a great deal and would cost a lot of time and money. Therefore, our PVC deep cycle gel battery is designed to help you to tackle this



### Fast Recharge

We value time same as you do. One of the problems in the battery is a long charging time. Our PVC deep cycle gel battery has fast charging technology which allows you to charge the battery within a short time.

Contact us



(0044) 19089 20612



[www.renenergypower.com](http://www.renenergypower.com)



[support@renenergypower.com](mailto:support@renenergypower.com)



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

RENERGY POWER LIMITED is registered company in England and Wales under number 10115425



PVC