

# Maxima<sup>®</sup>

DEEP CYCLE GEL PREMIUM BATTERIES



True Deep Cycle Batteries

# DGP SERIES

## SOLAR GEL DEEP CYCLE

**3000 CYCLES (8YEARS) LIFE @ 20% DOD**

Maxima Solar Gel batteries are true maintenance-free sealed batteries engineered specifically to satisfy the need for frequent deep cycles from Photovoltaic(PV) and renewable energy storage applications.

We are confident that our technology-intensive, long lasting, and environmentally friendly DGP series batteries will provide stability and efficiency for your everyday renewable energy needs.



ISO 9001 ISO 14001  
SBCRS  
ISO 9001 CERTIFIED  
ISO 14001 CERTIFIED



MADE IN KOREA



# SOLAR POWER SYSTEM GEL BATTERY



## THE DGP SERIES DIFFERENCE

### Solar Deep Cycle Specialization:

GEL technology prevents stratification of the plates greatly increasing the number of cycles the battery can withstand.

### Maintenance Free

Gas re-combination system makes it free of maintenance

### Leak Free

Recharges faster with **ActiveCarbon™** Technology. Proprietary carbon additives strengthen charge pathway in the cells.

### Safety & Heat Protection

Specially designed anti-explosion filter and safety valves prevent gas leakage when overcharged. High-durability polypropylene case (**Heat Deflection Level Temp. 140°C**)

### Technology

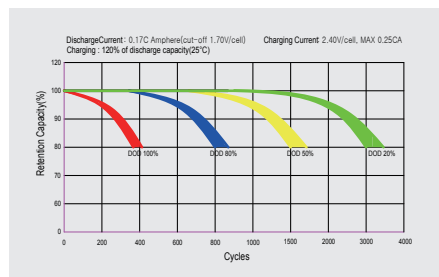
**ThixoPure™ Silica GEL Technology** with microporous separator and **DenseMax™ Plate Technology** enable true deep cycle performance.



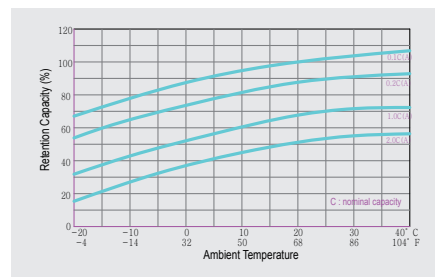
Model number	V	Nominal Capacity (Ampere)	Dimension (mm)				Weight (kg)	packing /pallet	Terminal Type
			Length	Width	Height	T.Height			
SBM12DGP80	12	80	368	172	210	219	30	60pcs	Embedded
SBM12DGP100	12	100	368	172	210	219	32.5	60pcs	Embedded
SBM12DGP150	12	150	522	240	215	221	42.2	36pcs	Embedded
SBM12DGP200	12	200	522	240	215	221	57	30pcs	Embedded
		220	522	240	215	221	59	30pcs	Embedded

## FEATURES AND BENEFITS

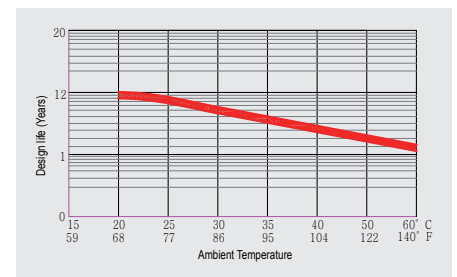
### Cycle life characteristics



### Effect of temperature on capacity



### Floating life characteristics



# SOLAR GEL DEEP CYCLE