

Premium Power From Premium Battery

# newmax®



## BM 12165 (12V165AH) Power Deep cycle Battery

### ■ Case & Cover

1. Use of Polypropylene(PP) resin.
2. A special saddle plate installed for prevention of a short on the bottom from withdrawal of active substances.
3. A design which keeps in electrolyte from being leaking

### ■ Separators

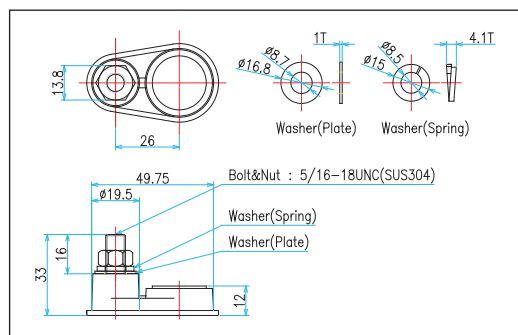
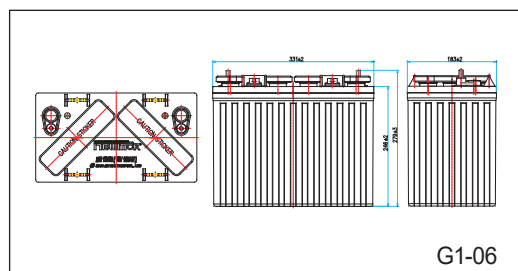
1. Use in highly porous and corrosion-resistant PVC or PE material.
2. A glass mat applied to the surface to prevent withdrawal objective substances.
3. Low electric resistance and excellent physical traits.

### ■ Plates

1. Made from 99.99% or higher purity lead processed into an active substances.
2. Use an antimony alloy metal with higher corrosion-resistance on the board.
3. The negative plate uses highly porous and deep cycle-resistant additives.
4. A special additive applied the positive plate for long service life.

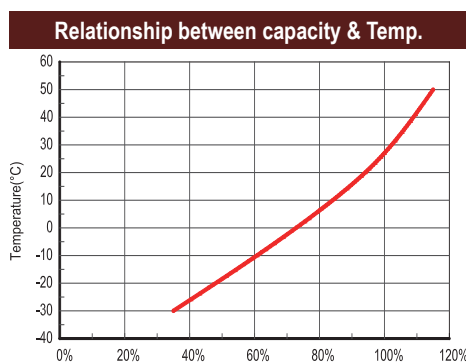
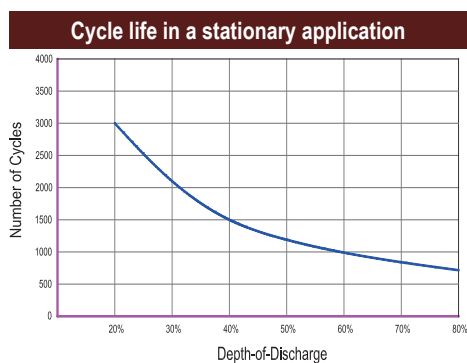
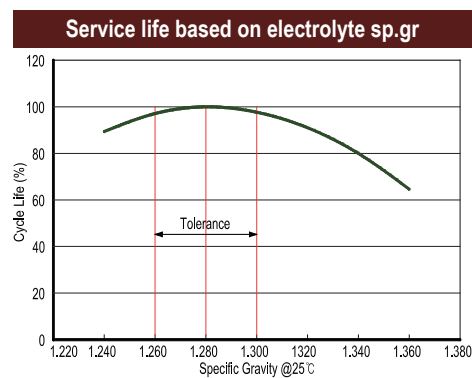
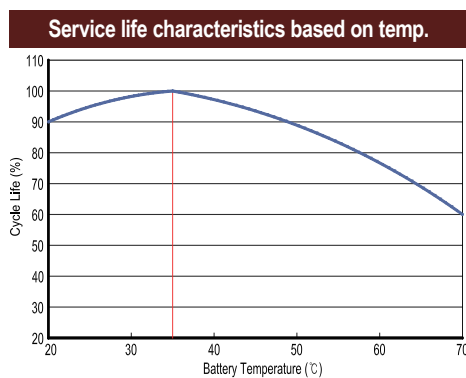
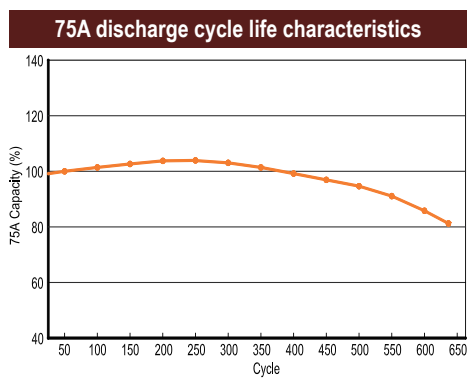
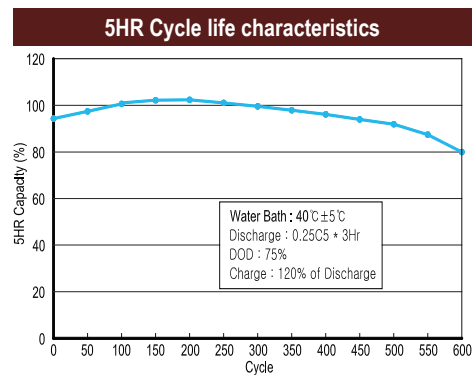
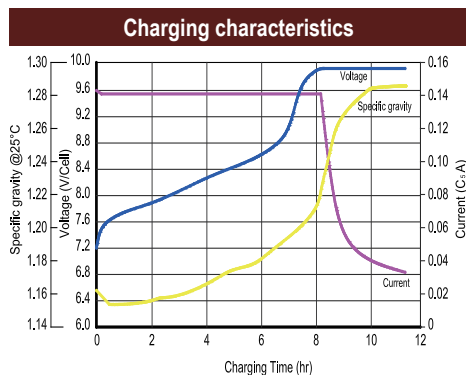
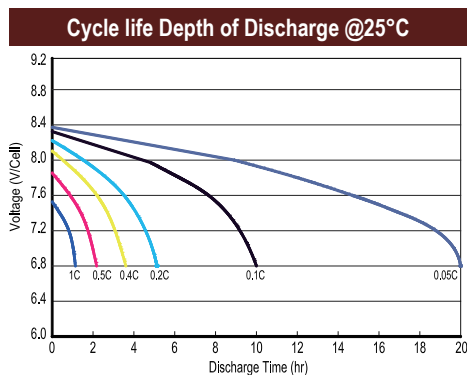
### ■ Electrolyte & Cap

1. Electrolyte contain highly pure, refined sulfuric acid (KS M 1203 No.3 or higher)
2. CAP has a structure that can filter acid haze and gas generated during the recharge step 3, discharge only the gas.
3. Uses a flame arrestor that can prevent an explosion from inflammation of the interior.



**KOREA BATTERY CO., LTD.**  
[www.newmaxbattery.co.kr](http://www.newmaxbattery.co.kr)

**Head office :** 134, 1Gongdanro 6gil, Gumi-city, Gyeongsangbuk-Do, Korea TEL) +82-54-463-7091~3 FAX) +82-54-463-7094  
**Seoul office :** 3F Dogok B/D. 14, Nambusunhwanro, 359-gil Gangnam-Ku, Seoul, Korea TEL) +82-2-883-7091 FAX) +82-2-882-7094



Battery model	BM 12165 (12V165AH / 20 HOUR RATE)					
Dimensions (mm)	Length	Width		Height		Total Height
	331	183		247		279
Approx. weight	42.1kg ±5%					
Operating temperture (°C)	Charge	10 ~ 35°C				
	Discharge	-15 ~ 45°C				
Max. discharge current (5sec)	270 A	Recommended max. dischage current (continuous)			70.0A	
Capacity affected by Temperature	30°C(86°F)	25°C(77°F)		10°C(50°F)		-10°C(14°F)
	105%	100%		94%		75%
Electrolyte / Separator	Sulfuric Acid 1.280±0.015 sp.gr (25°C) / PVC or PE + Glass mat					
Recommened Charging (25°C)	Charging voltage (Constant power)				Charging current	
	2.375V/cell absorption & 2.58V/cell finishing voltage				Max 44.0A	
Discharge specification	AH (Ampere Hour)			Minutes of Discharge		
Capacity (25°C)	100HR	20HR	5HR	@75A	@56A	@25A
	182	165	135	70	117	309

KOREA BATTERY CO.,LTD. Attempts to ensure the correctness of the product description and data contained herein.

We reserve the right to change designs, specifications at any time without notice or obligation. It is the responsibility of the reader of this information to verify any and all information presented herein.