

Premium Power From Premium Battery

newmax®



BM 8190 (8V190AH) 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

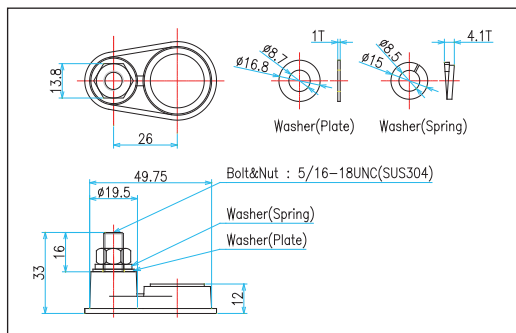
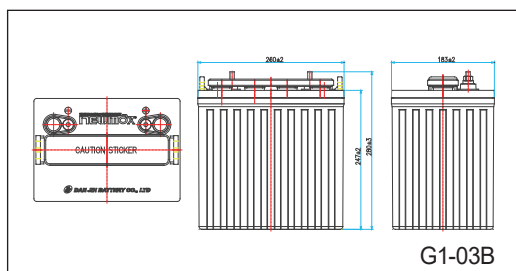
1. Use in highly porous and corrosion-resistant PVC or PE material.
2. A glass mat applied to the surface to prevent withdrawal objective substances.
3. Low electric resistance and excellent physical traits.

■ 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.

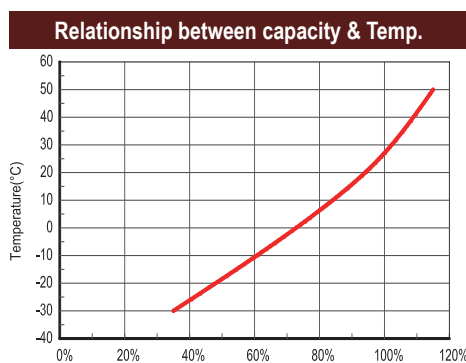
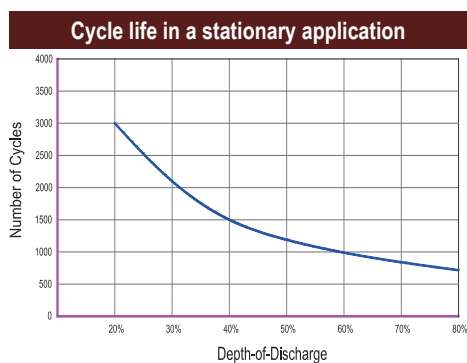
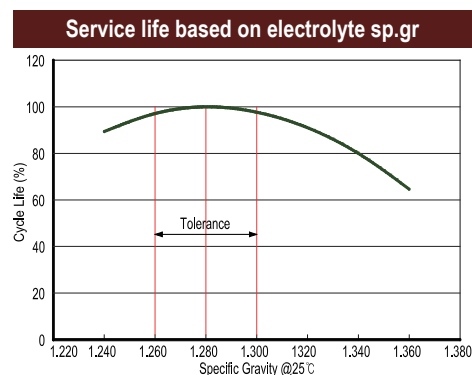
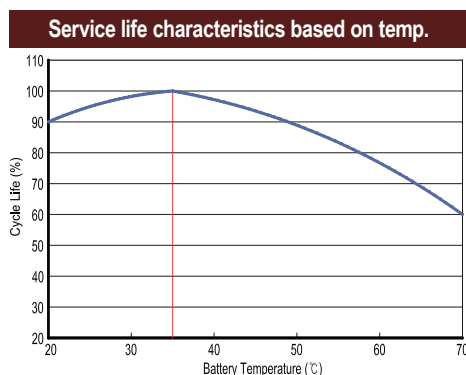
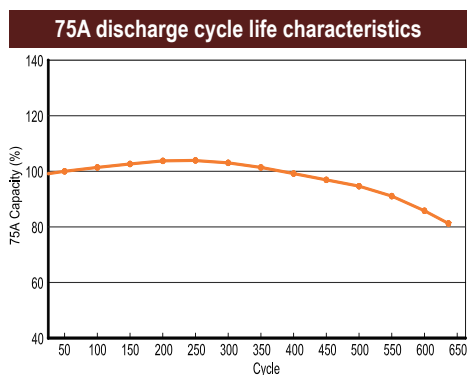
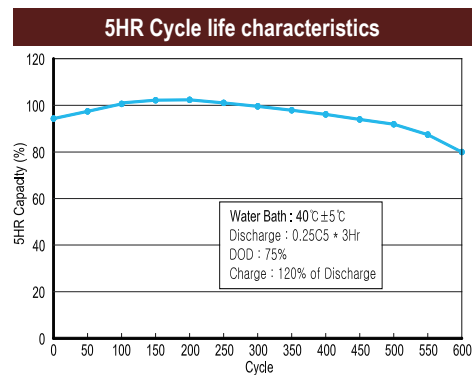
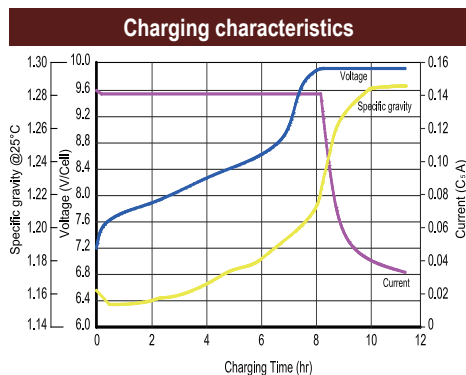
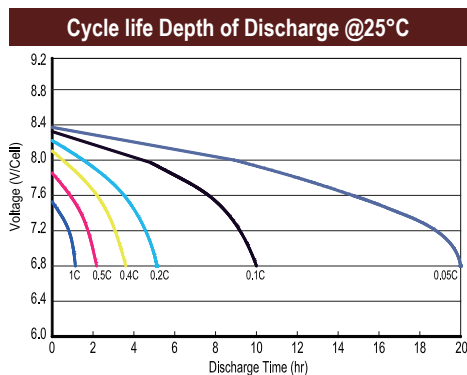
■ Electrolyte & Cap

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.



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Battery model	BM 8190 (8V190AH / 20 HOUR RATE)					
Dimensions (mm)	Length	Width		Height		Total Height
	260	183		247		279
Approx. weight	31.6.0kg(57.32lbs)±5%					
Operating temperture (°C)	Charge	10 ~ 35°C				
	Discharge	-15 ~ 45°C				
Max. discharge current (5sec)	276 A	Recommended max. dischage current (continuous)			72A	
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 45.0A	
Discharge specification	AH (Ampere Hour)			Minutes of Discharge		
Capacity (25°C)	100HR	20HR	5HR	@75A	@56A	@25A
	193	190	151	72	112	292

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