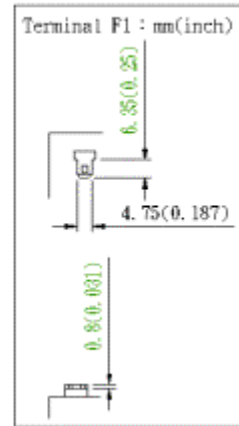
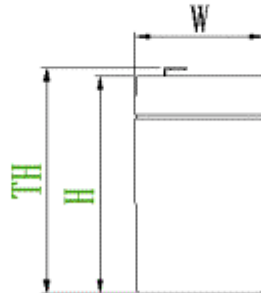
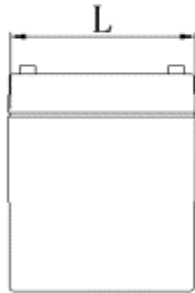


# VRLA BATTERY SPECIFICATION

BATTERY TYPE □PE12V2.7

Dimensions : mm



## 1. Dimensions:

Item	Specifications
1.Length (L)	79±1 mm
2.Width (W)	55±1 mm
3.Height (H)	102±1 mm
4.Total Height (TH)	106±2 mm

## 2. Performance:

Item	Specifications				
1.Nominal Voltage	12 V				
2.APPROX. Weight	1.10 Kgs				
3.Valve Regulated pressure	Open valve pressure	0.10~0.23 Kg/cm <sup>2</sup>			
	Close valve pressure	0.06~0.16 Kg/cm <sup>2</sup>			
4.Shelf Life (25□)	1 Month	97% ↑			
	3 Month	90% ↑			
	6 Month	80% ↑			
5.Discharge Capacity	Discharge Current	Cut-Off Voltage	Discharge Time	Discharge Capacity	
	20 hr. Capacity	0.14A	10.50 V	20hrs↑	2.70AH↑
	5 hr. Capacity	0.46A	10.20 V	5hrs↑	2.30AH↑
	3 hr. Capacity	0.63A	10.20 V	3hrs↑	1.89AH↑
	1 hr. Capacity	1.62A	9.60 V	1hrs↑	1.62AH↑
	100% Depth of Discharge	200 CYCLES↑			

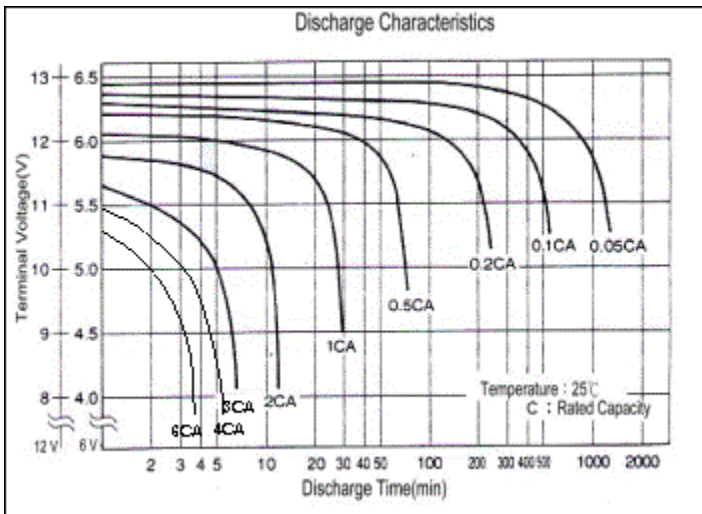
6. Life of Cycle Use	50% Depth of Discharge	400 CYCLES↑
	30% Depth of Discharge	1200 CYCLES↑
7. Life Expectancy of Standby Use (20□)		3~5 Years

### 3. Constant Power Discharge Characteristics

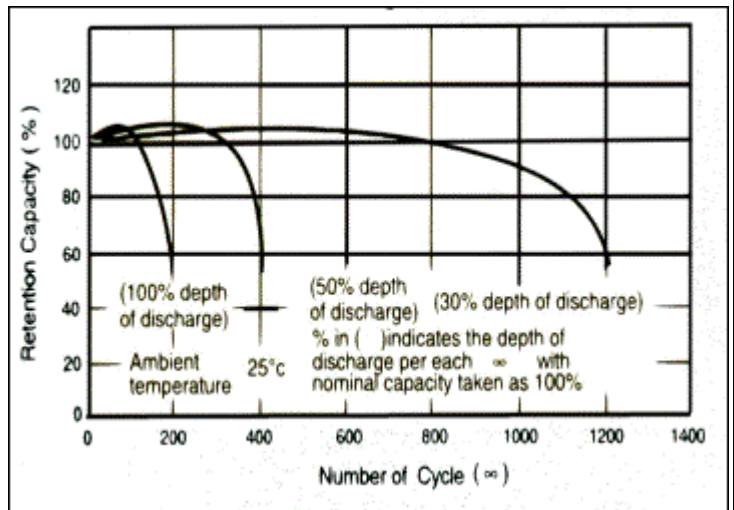
Time F.V	5Min	7.5Min.	10Min.	15Min.	20Min.	30Min.	60Min.
9.6 V							
10.2 V							
10.8 V							

### 4. Characteristics

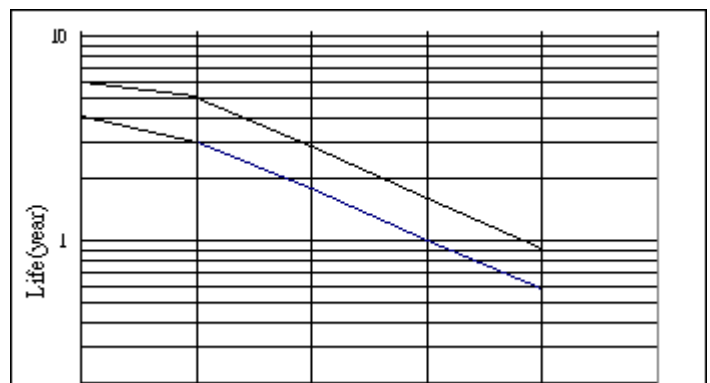
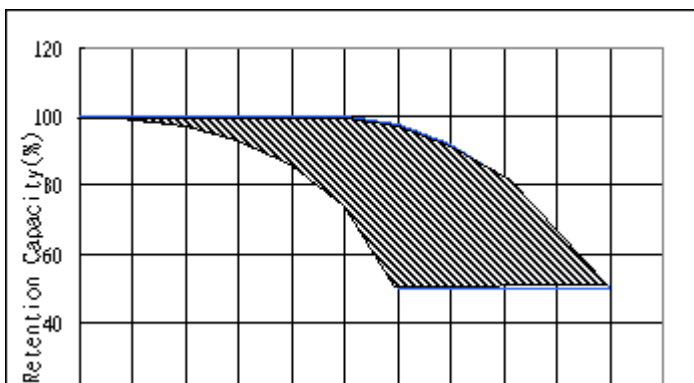
#### 1. Typical example of the Discharge Time VS Discharge Current

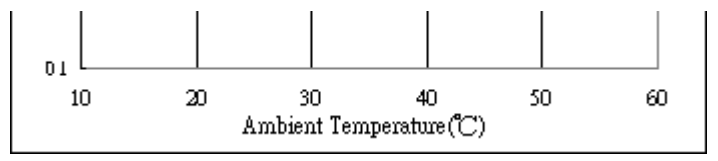
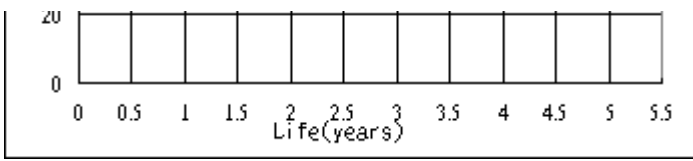


#### 2. Typical example of the Life Characteristics of Cycle Use



#### 3. Typical example of the Life Characteristics of Standby Use





## 5. International Certification

- (1) ISO9002, ISO14001, QS9000
- (2) UL approval  Code  MH13567