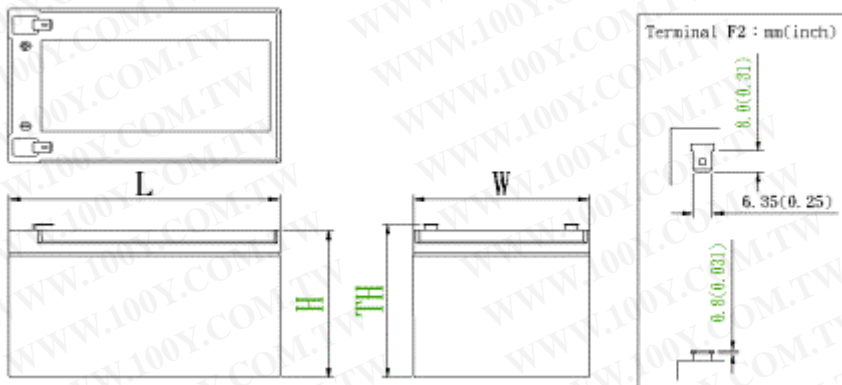


VRLA BATTERY SPECIFICATION

BATTERY TYPE : PE12V12

勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-54151736
 勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

Dimensions : mm



1. Dimensions:

| Item | Specifications |
|---------------------|---------------------------------|
| 1.Length (L) | 151±1 mm |
| 2.Width (W) | 98±1 mm |
| 3.Height (H) | 94±1 mm |
| 4.Total Height (TH) | F2: 98±2 mm B1: 104.5±2 mm |

2. Performance:

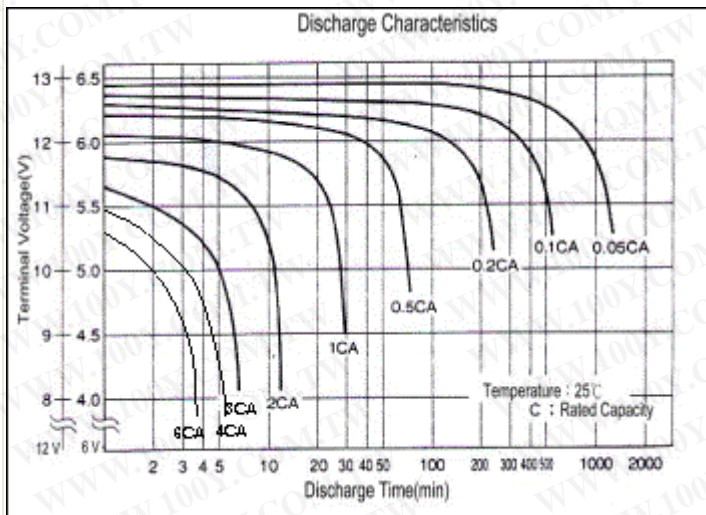
| Item | Specifications | | | | |
|---|-------------------------|-------------------------------|----------------|--------------------|------------|
| 1.Nominal Voltage | 12 V | | | | |
| 2.APPROX. Weight | 4.35 Kgs | | | | |
| 3.Valve Regulated. pressure | Open valve pressure | 0.10~0.23 Kgf/cm ² | | | |
| | Close valve pressure | 0.06~0.16 Kgf/cm ² | | | |
| 4.Shelf Life (25°C) | 1 Month | 97% ↑ | | | |
| | 3 Month | 90% ↑ | | | |
| | 6 Month | 80% ↑ | | | |
| 5.Discharge Capacity | Discharge Current | Cut-Off Voltage | Discharge Time | Discharge Capacity | |
| | 20 hr. Capacity | 0.60A | 10.50 V | 20hrs ↑ | 12.00 AH ↑ |
| | 5 hr. Capacity | 2.04A | 10.20 V | 5hrs ↑ | 10.20 AH ↑ |
| | 3 hr. Capacity | 2.80 A | 10.20 V | 3hrs ↑ | 8.40 AH ↑ |
| | 1 hr. Capacity | 7.20A | 9.60 V | 1hrs ↑ | 7.20 AH ↑ |
| 6.Life of Cycle Use | 100% Depth of Discharge | 200 CYCLES ↑ | | | |
| | 50% Depth of Discharge | 400 CYCLES ↑ | | | |
| | 30% Depth of Discharge | 1200 CYCLES ↑ | | | |
| 7.Life Expectancy of Standby Use (20°C) | 3~5 Years | | | | |

3.Constant Power Discharge Characteristics

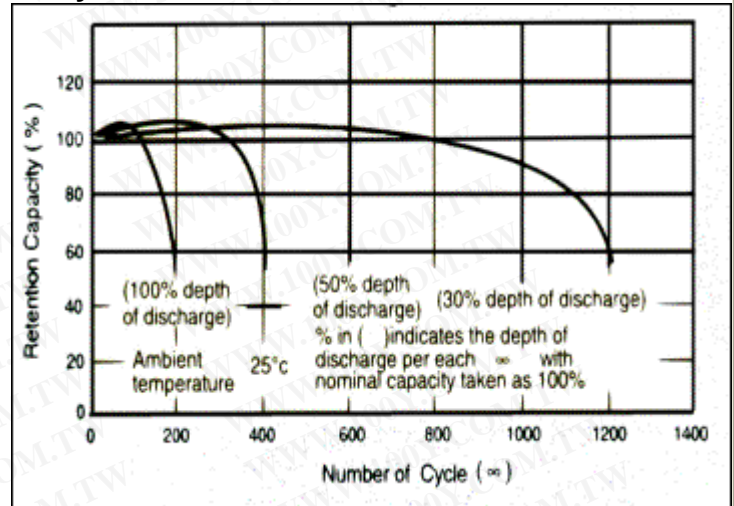
| Time F.V | 5Min | 7.5Min. | 10Min. | 15Min. | 20Min. | 30Min. | 60Min. |
|-------------|-------|---------|--------|--------|--------|--------|--------|
| 9.6 V | 513 W | 423 W | 351 W | 276 W | 207 W | 168 W | 95 W |
| 10.2 V | 495 W | 414 W | 342 W | 273 W | 203 W | 167 W | 93 W |
| 10.8 V | 450 W | 365 W | 324 W | 261 W | 194 W | 162 W | 91 W |

4.Characteristics

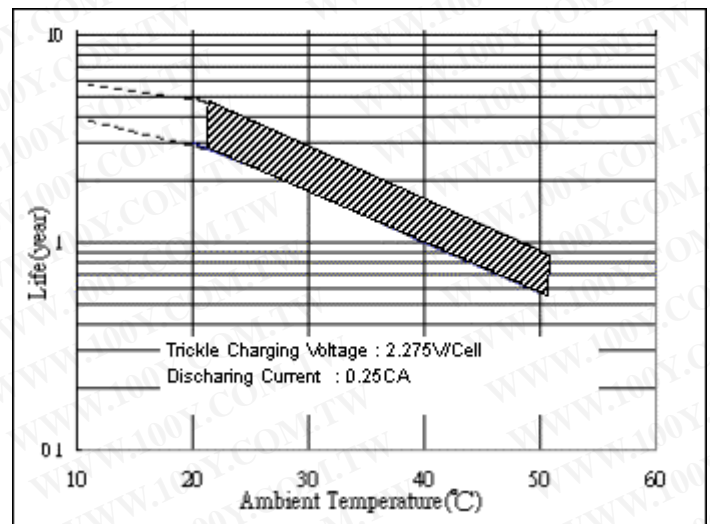
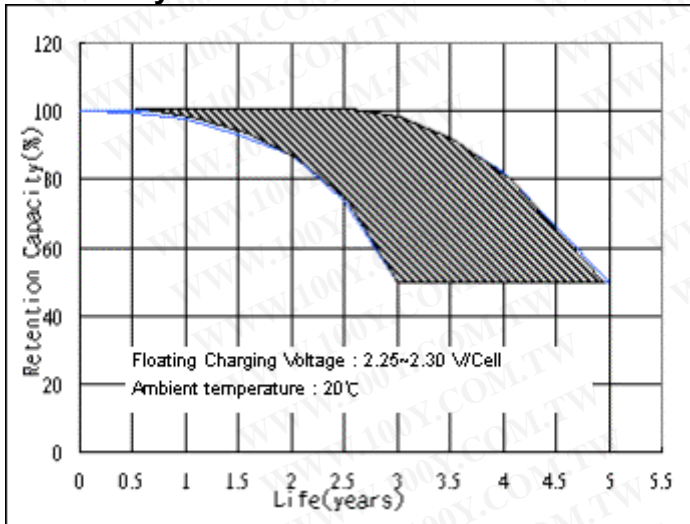
1. Typical example of the Discharge Time VS Discharge Current



2. Typical example of the Life Characteristics of Cycle Use



3. Typical example of the Life Characteristics of Standby Use



5.International Certification

- (1) ISO9001, ISO14001, QS9000
- (2) UL approval Code : MH13567