

# 12SB22C

Lead Acid Battery 12V 22Ah Deep Cycle



## 12SB22C 12Volt 22Ah

### Specifications

Nominal Voltage(V) **12V**

#### Nominal Capacity

20 hour rate	(1.1A	to	10.50V)	<b>22Ah</b>
10 hour rate	(2.09A	to	10.50V)	<b>20.9Ah</b>
5 hour rate	(3.74A	to	10.20V)	<b>18.7Ah</b>
1 C	(22A	to	9.60V)	<b>13.93Ah</b>
3 C	(66A	to	9.60V)	<b>8.8Ah</b>

Weight **Approx. 6.45kg(14.19Lbs.)**

Internal Resistance (at 1KHz) **Approx. 10 mΩ**

Maximum Discharge Current for 5 seconds: **330A**

#### Charging Methods at 25 (77 )

Cycle use:

Charging Voltage **14.4 to 15.0V**

Coefficient -5.0mv/ /cell

Maximum Charging Current : **6.6A**

Standby use:

Float Charging Voltage **13.50 to 13.80V**

Coefficient -3.0mv/ /cell

#### Operating Temperature Range

Charge **-15 (5 ) to 40 (104 )**

Discharge **-15 (5 ) to 50 (122 )**

Storage **-15 (5 ) to 40 (104 )**

#### Charge Retention (shelf life) at 20 (68 )

1 month **92%**

3 month **90%**

6 month **80%**

Case Material **ABS**

(Option: UL94 HB & UL94 V-0 flame retardant )

Terminal **F8**

Description of torque value of hard ware for the terminals:

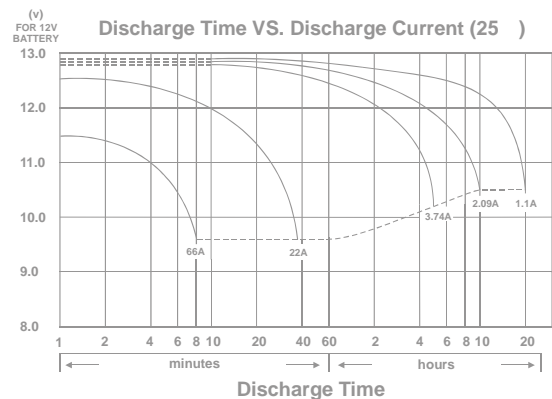
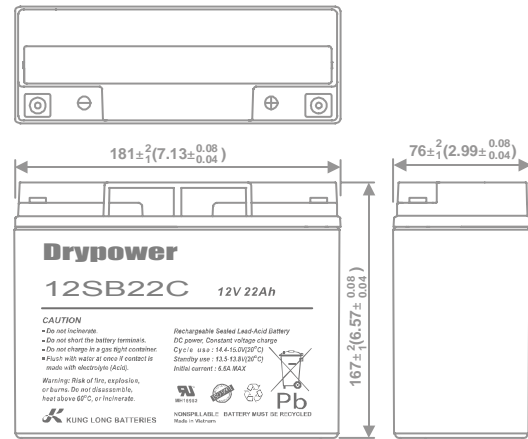
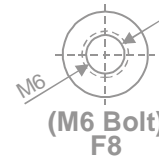
Recommended torque value **M6: 5.39 N-m (55kg-cm)**

Maximum allowable torque value **M6: 8.82 N-m (90kg-cm)**



### Dimensions

mm(inch)

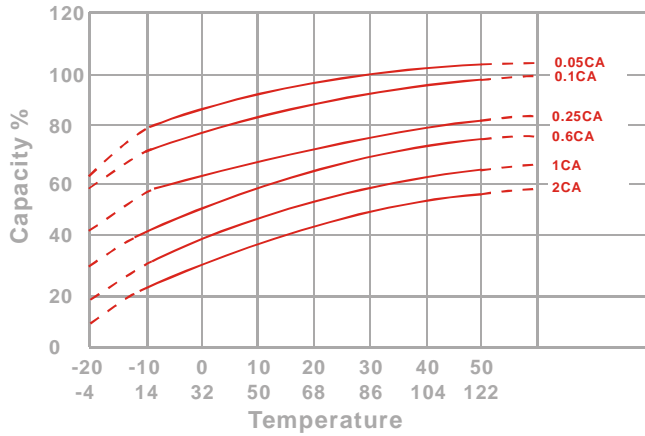


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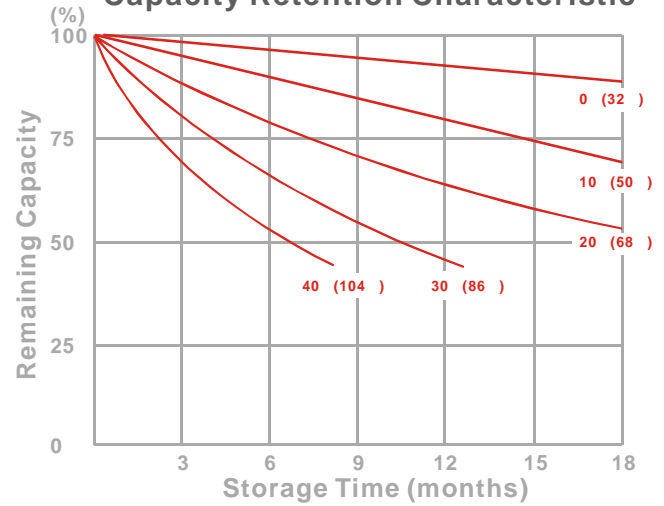
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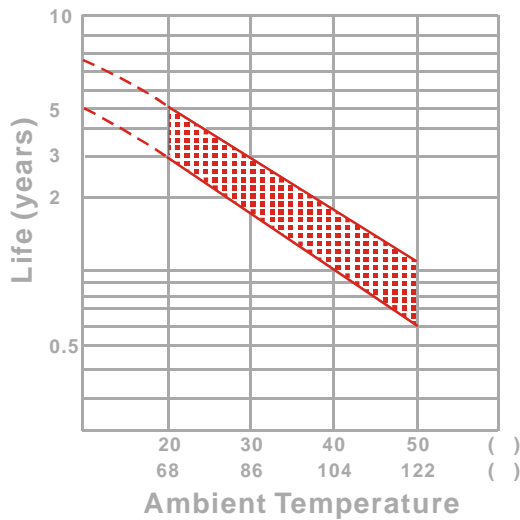
Effect of Temperature on Capacity 25 (77 )



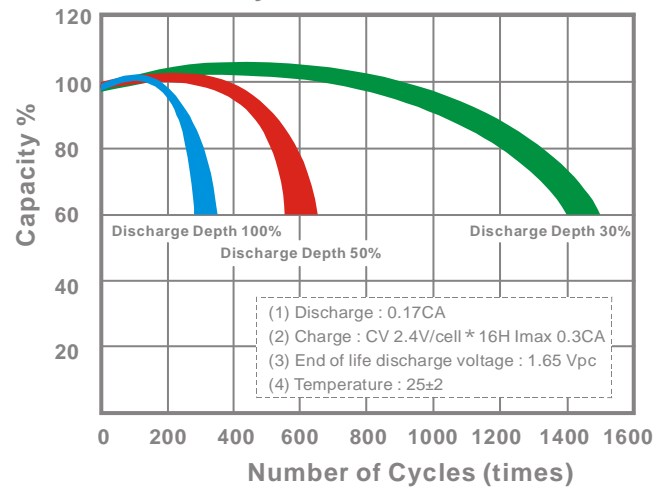
Capacity Retention Characteristic



Trickle (or float) Service Life



Cycle Service Life



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