

### 12SB22C (12V 22Ah)

#### SPECIFICATIONS

Nominal Voltage (V) 12V

#### Nominal Capacity

20 hour rate (1.10A to 10.50V)	22Ah
10 hour rate (2.09A to 10.50V)	20.9Ah
5 hour rate (3.74A to 10.20V)	18.7Ah
1C (22A to 9.60V)	13.93Ah
3C (66A to 9.60V)	8.8Ah

Weight Approx. 6.45kg (14.19lbs)

Internal Resistance (@1kHz) Approx. 10mΩ

Maximum Discharge Current For 5 seconds 330A

#### Charging Methods @25°C (77°F)

##### Cycle Use:

Charging Voltage	14.4V to 15.0V
Coefficient -5.0mV/°C/Cell	
Maximum Charging Current	6.6A

##### Standby Use:

Float Charging Voltage	13.50V to 13.80V
Coefficient -3.0mV/°C/Cell	

#### Operating Temperature Range

Charge	-15°C (5°F) to +40°C (104°F)
Discharge	-15°C (5°F) to +50°C (122°F)
Storage	-15°C (5°F) to +40°C (104°F)

#### Charge Retention (Shelf Life) @20°C (68°F)

1 month	92%
3 months	90%
6 months	80%

Case Material ABS

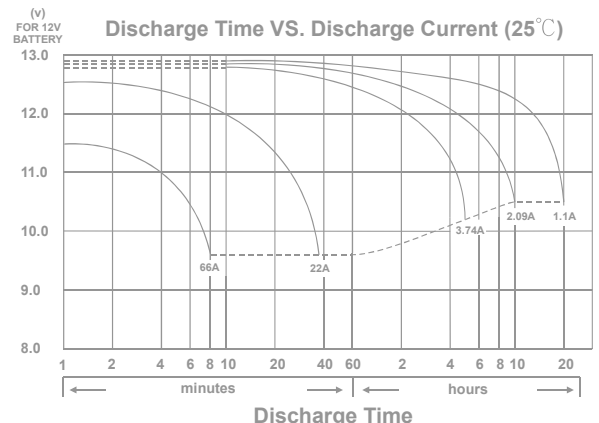
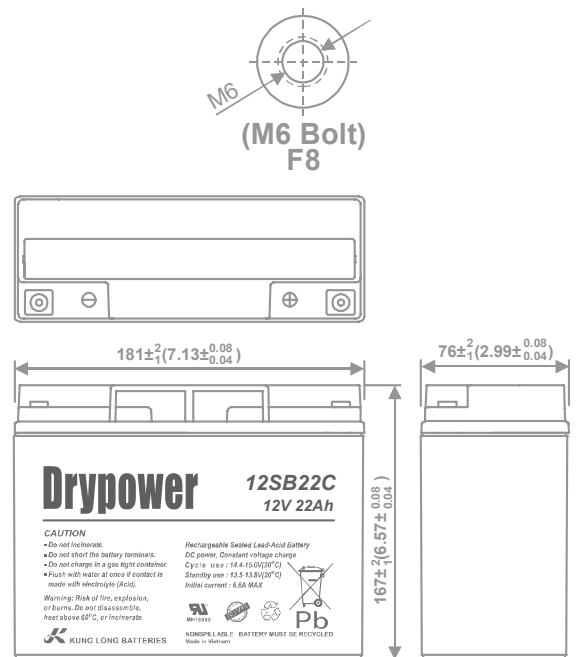
Terminal F8

#### Description of Torque Value of Hard Ware for the Terminals

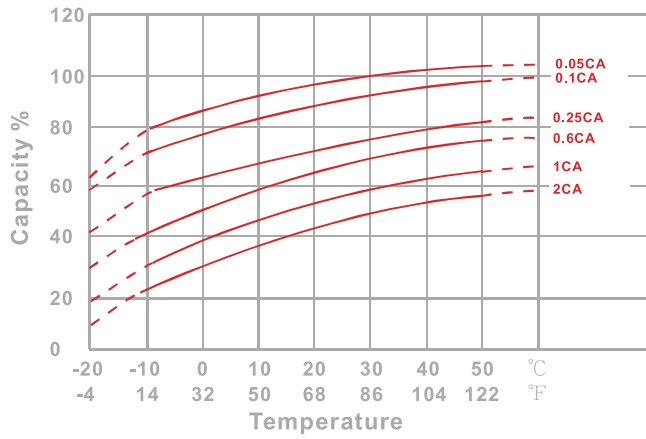
Recommended Torque Value	M6: 5.39 N-m (55kg-cm)
Max. Allowable Torque Value	M6: 8.82 N-m (90kg-cm)



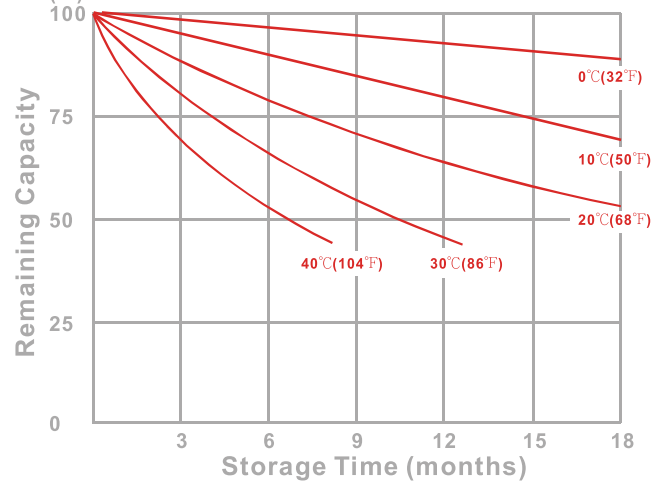
#### DIMENSIONS mm (inch)



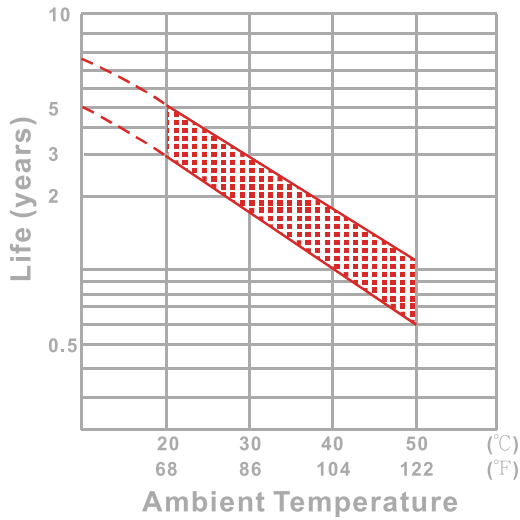
**Effect of Temperature on Capacity 25°C(77°F)**



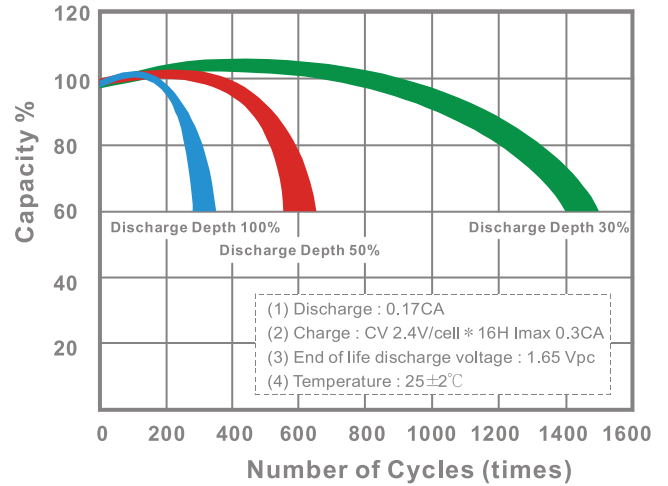
**Capacity Retention Characteristic**



**Trickle (or float) Service Life**



**Cycle Service Life**



Performance may vary depending on application. All specifications are correct at time of creation. All specifications and operation conditions contained in this datasheet are subject to change or improvement without prior notice to the user. This data is for evaluation purposes only. No guarantee is intended or implied by this data. For clarification and updated information, please contact us.