

## 12SB5C

### Specifications

Nominal Voltage (V) 12V

**Nominal Capacity**

20hour rate ( 0.25A	to	10.50V )	5Ah
10hour rate ( 0.5A	to	10.50V )	4.75Ah
5hour rate ( 0.85A	to	10.20V )	4.25Ah
1C ( 5A	to	9.60V )	3.5Ah
3C ( 15A	to	9.60V )	2.5Ah

Weight Approx. 2.01kg(4.43Lbs.)

Internal Resistance (at 1KHz) 18 m

Maximum Discharge Current for 30 seconds : 100A

Maximum Discharge Current for 5 seconds : 200A

**Operating Temperature Range**

Charge	0 ( 32 )	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

Charging Methods at 25 ( 77 )

- Cycle use:
  - Charging Voltage 14.4 to 15.0V
  - Maximum Charging Current 1.5A
- Standby use :
  - Float Charging Voltage 13.50 to 13.80V

Life expectancy :

- Cycle Use
  - 100% depth of discharge 225 cycles
  - 80% depth of discharge 250 cycles
  - 50% depth of discharge 750 cycles
- Standby Use 3~5years

Case Material ABS  
(Option 94-HB & 94V-0 flame retardant case)

Terminal F1 or F2

### Dimensions

