

12SB55C

Specifications

Nominal Voltage (V) 12V

Nominal Capacity

20hour rate (2.75A)	to	10.50V)	55Ah
10hour rate (5.5A)	to	10.50V)	52.25Ah
5hour rate (9.35A)	to	10.20V)	46.75Ah
1C (55A)	to	9.60V)	24.75Ah
3C (165A)	to	9.60V)	19.25Ah

Weight Approx.17.4kg(38.28Lbs.)

Internal Resistance (at 1KHz) 7 m

Maximum Discharge Current for 30 seconds : 550A

Maximum Discharge Current for 5 seconds : 1100A

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°C (68F)

1 month	92
3 month	90
6 month	80

Charging Methods at 20°C (68F)

Cycle use:

Charging Voltage 14.4 to 15.0V
Maximum Charging Current 16.5A

Standby use :

Float Charging Voltage 13.50 to 13.80V

Life expectancy :

Cycle Use

100% depth of discharge 200 cycles
80% depth of discharge 225 cycles
50% depth of discharge 500 cycles

Standby Use 3~5years

Case Material ABS

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

Terminal F15

Dimensions

