

Model number: VC-12713940

Type designation: VRLA

Chemical system: AGM Technology

Number of cells: 3

Internal resistance: Fully Charged battery 77 °F (25 °C ) 27 mOhms

Self-discharge: 3 % of capacity declined per month at 20 °C (average)

Short circuit current: 225 A

Energy content: 27 Wh

Nominal Voltage: 6 V

Nominal Capacity: 4.5 Ah

20 hour rate (0.22 A, 5.25 V)

Average weight: 0.77 kg

Dimensions: 70\*47\*101\*107 (mm)

Operating temperature:

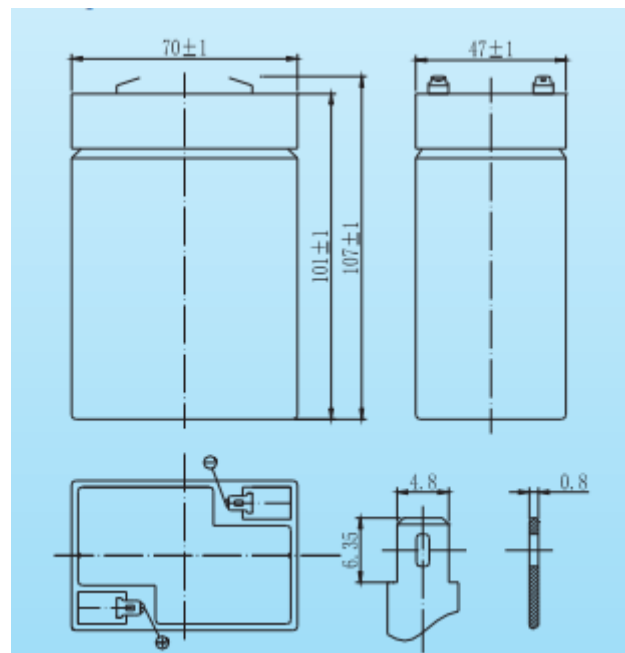
Discharge -20~60 °C

Charge -10~60 °C

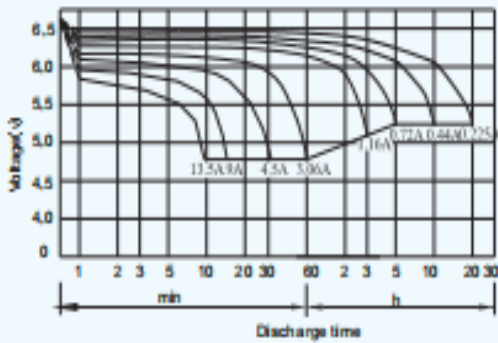
Storage -20~60 °C

Recommended storage temperature:

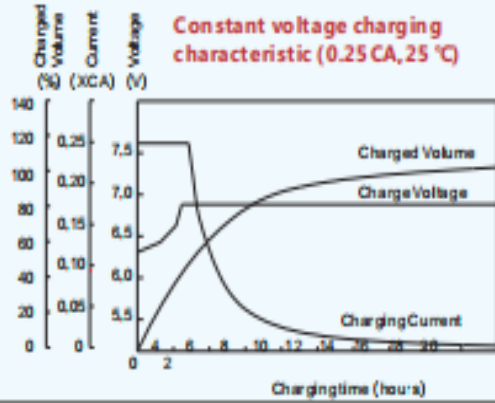
0 °C ~ 25 °C , no more than 6 months



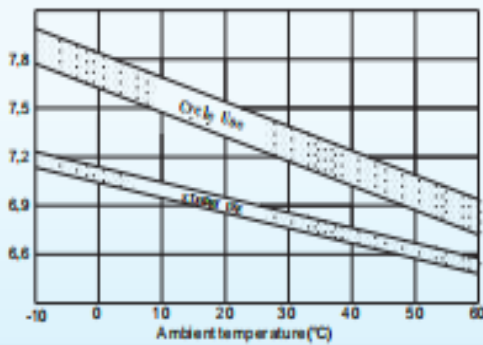
**Discharge characteristic (25°C)**



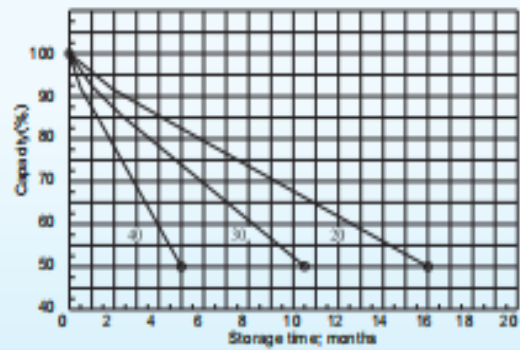
**Constant voltage charging characteristic (0.25 CA, 25 °C)**



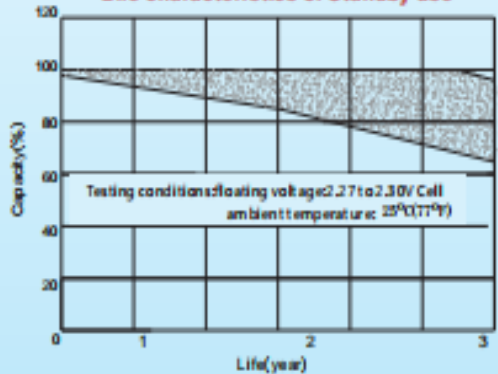
**Relationship between charging voltage and temperature**



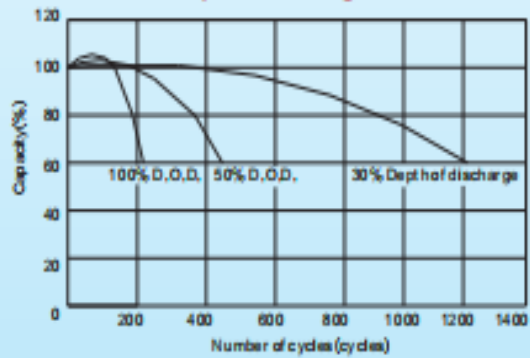
**Self-discharge characteristic**



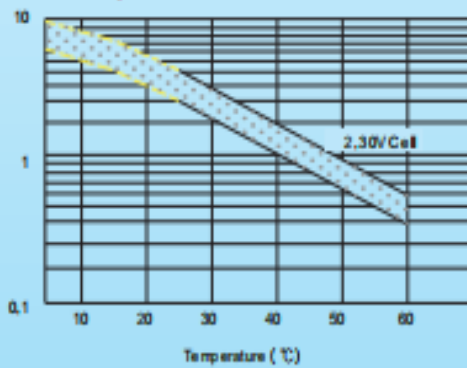
**Life characteristics of Standby use**



**Cycle service life in relation to depth of discharge**



**Temperature effects on float life**



**Temperature effects on capacity**

