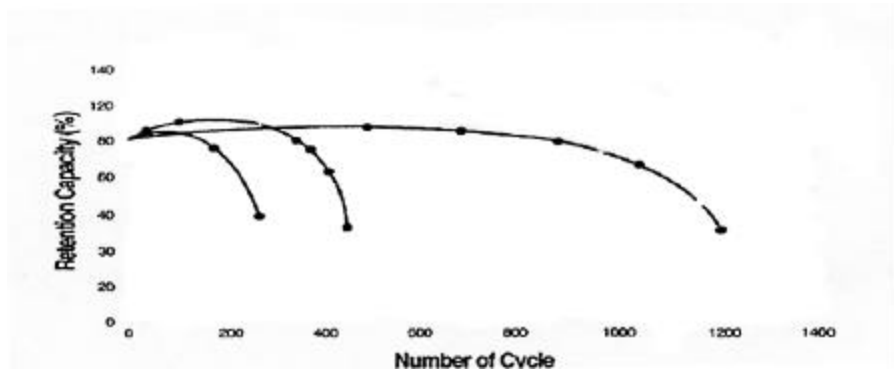


# 1-6 LIFE CHARACTERISTICS

## ■ CYCLIC USE

THE NUMBER OF CYCLES (CHARGE & DISCHARGE) DEPENDS ON THE DEPTH OF DISCHARGE. OPERATING TEMPERATURE AND THE CHARGING METHOD. THE BELOW FIGURE SHOWS THE RELATIONSHIP BETWEEN DEPTH OF DISCHARGE AND NUMBER OF CYCLES.

- TESTING CONDITIONS:
  - DISCHARGE CURRENT 0.25C AMP (F.V 1.70V/CELL)
  - CHARGING CURRENT 0.1C AMP
  - CHARGING AMOUNT 130% OF DISCHARGED CAPACITY
  - AMBIENT TEMPERATURE 20°C (68°F)

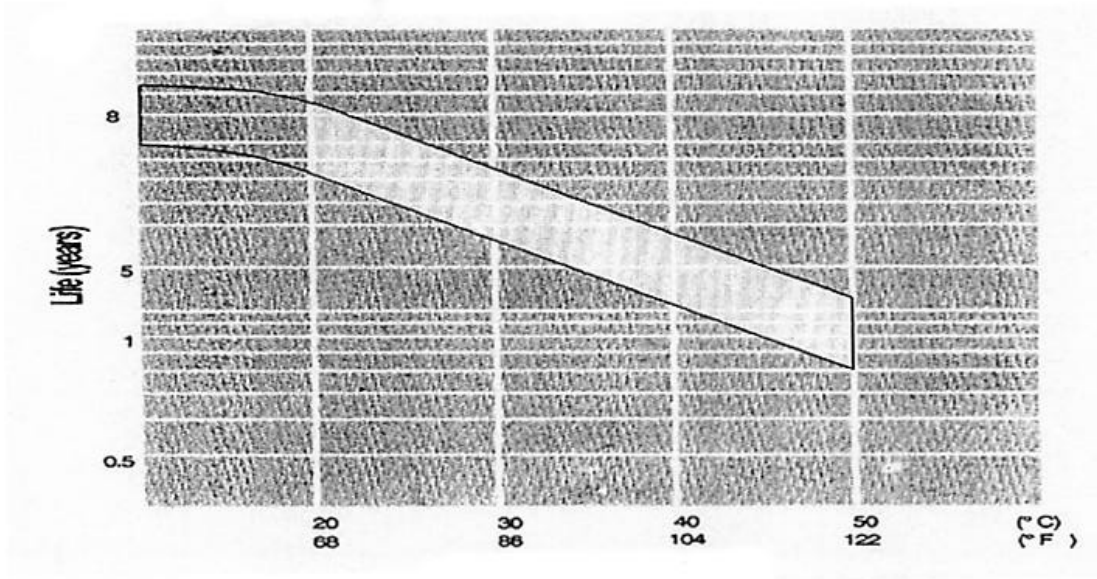


1. 100% discharge 2. 50% discharge 3. 30% discharge

## ■ FLOATING USE

AS THE LIFE OF BATTERY FOR FLOATING APPLICATION IS GREATLY AFFECTED BY VOLTAGE. CARE MUST ALSO BE EXERCISED TO MAINTAIN AN APPROPRIATE WORKING TEMPERATURE. BECAUSE IT GREATLY AFFECTS THE LIFE OF THE BATTERY. THE BELOW FIGURES SHOW THE LIFE OF BATTERIES FOR FLOATING APPLICATIONS.





? OPEN CIRCUIT VOLTAGE vs CAPACITY

STATE OF CHARGE	100%	80%	60%	40%	30%	20%
O.C.V (V/CELL)	2.1702	2.12	2.09	2.06	2.02	1.99

