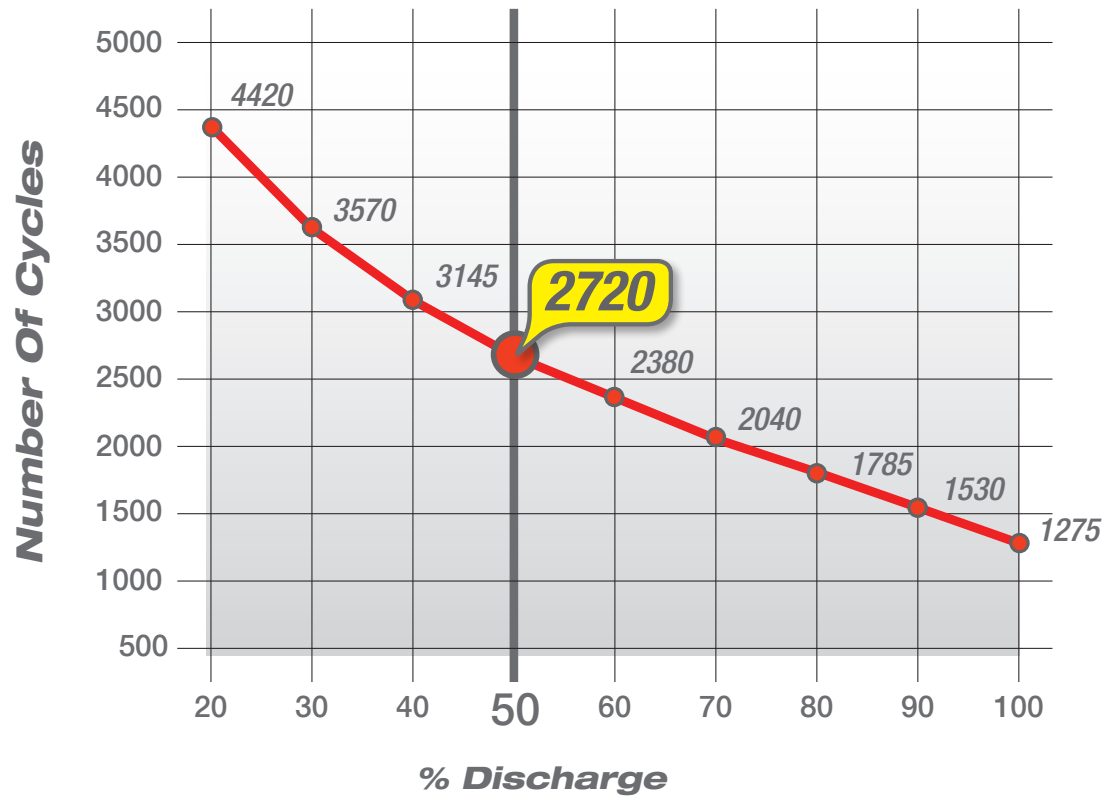
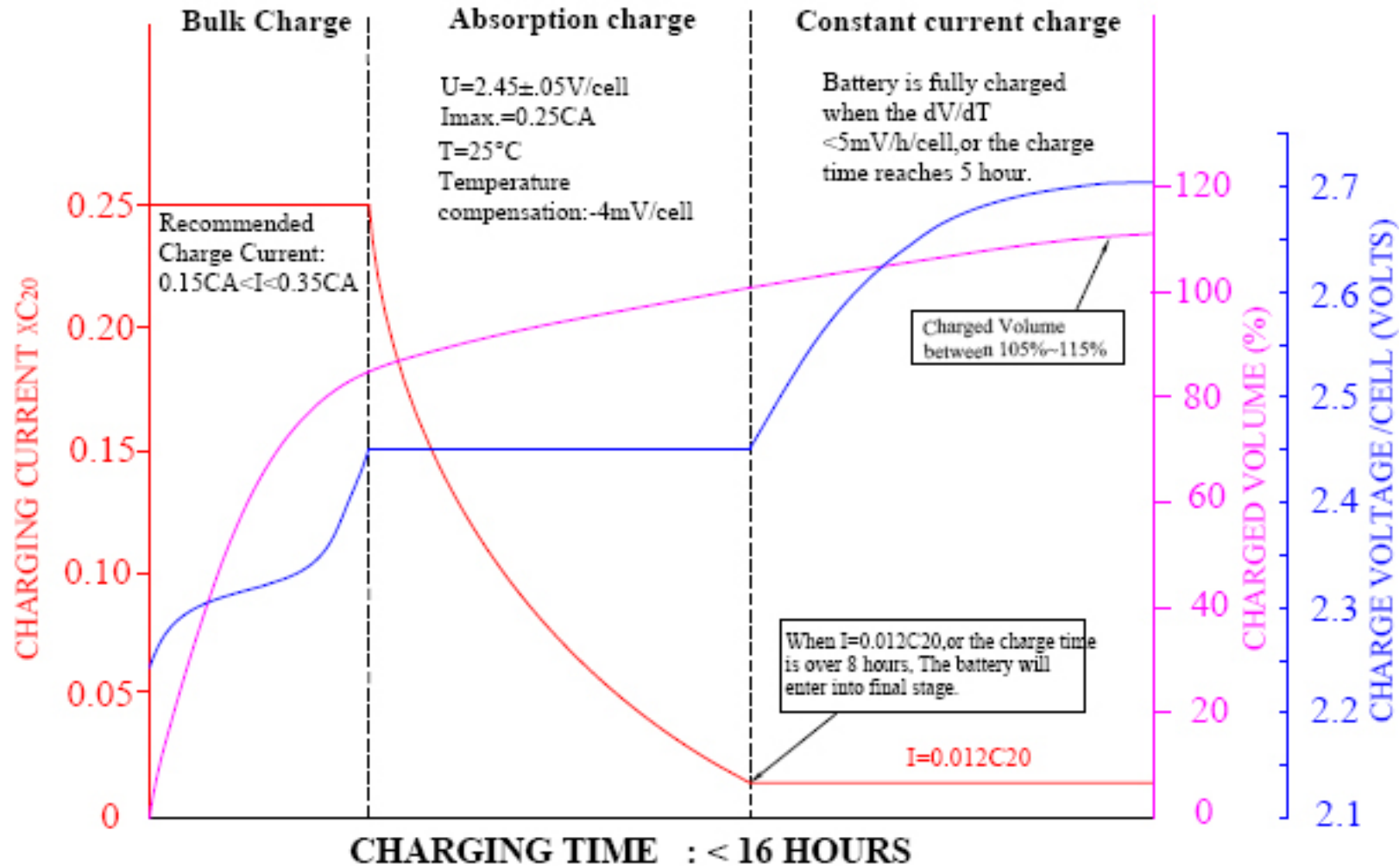




### Cycle Life vs. Depth of Discharge







### REMARKS:

When you use the **IUI** Charging Method, please be sure to pay attention to the following:

- 1、 The initial charge current should range from 0.15C<sub>20</sub> to 0.35C<sub>20</sub>.
- 2、 We strongly recommend the total charge time be less than 16 hours. This is one of the bases for charge termination.
- 3、 If the charger has the programming capability to calculate dV/dT, then the charge termination should be based on the value of dv/dt being equal to 5mV/hr/cell and the charge time in the final phase being within 5 hours. Without the proper charge termination, the battery could be over-charged, causing significant moisture loss that can dry out the battery, resulting in premature failure.

The **IUI** Charge Method with the criteria mentioned above can minimize or lessen the over-charge, however over-charge is still likely. We recommend the **IUoU** Charging Method, although it will take longer to charge, it will maximize the life of the battery.

