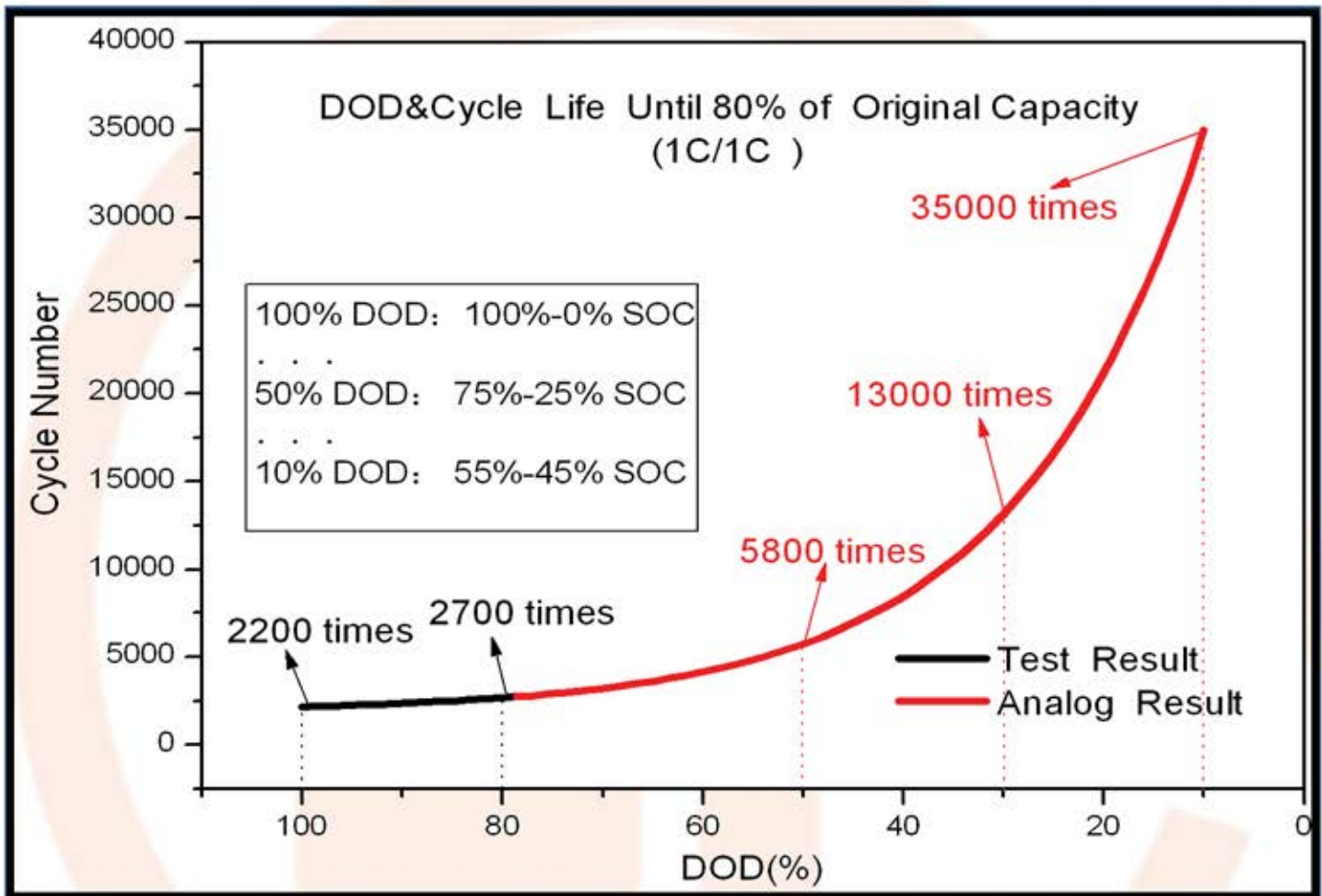




# What is the Life Expectancy of a Lithionics battery?

- **Factor 1: Depth of Discharge = percentage of capacity used per cycle**
- **Factor 2: Discharge Rate = the amps divided by the capacity**



To read the graph above, here are some examples:

1. All numbers are at a 1C Discharge Rate, which is aggressive...
2. At a 90% Depth of Discharge, a Lithionics battery will provide 2,400 Cycles to 80% State-of-Original-Capacity (SOIC)
3. At a 10% Depth of Discharge, a Lithionics battery will provide 35,000 Cycles until 80% SOIC. Beyond 35,000 Cycles the battery is still functioning BUT gradually loses capacity, without losing performance.