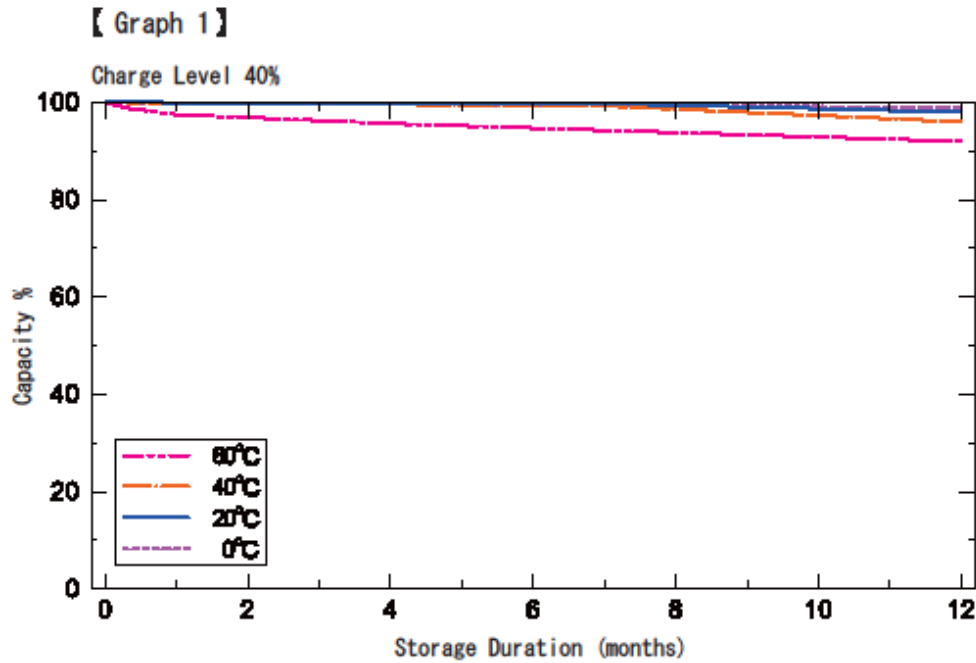
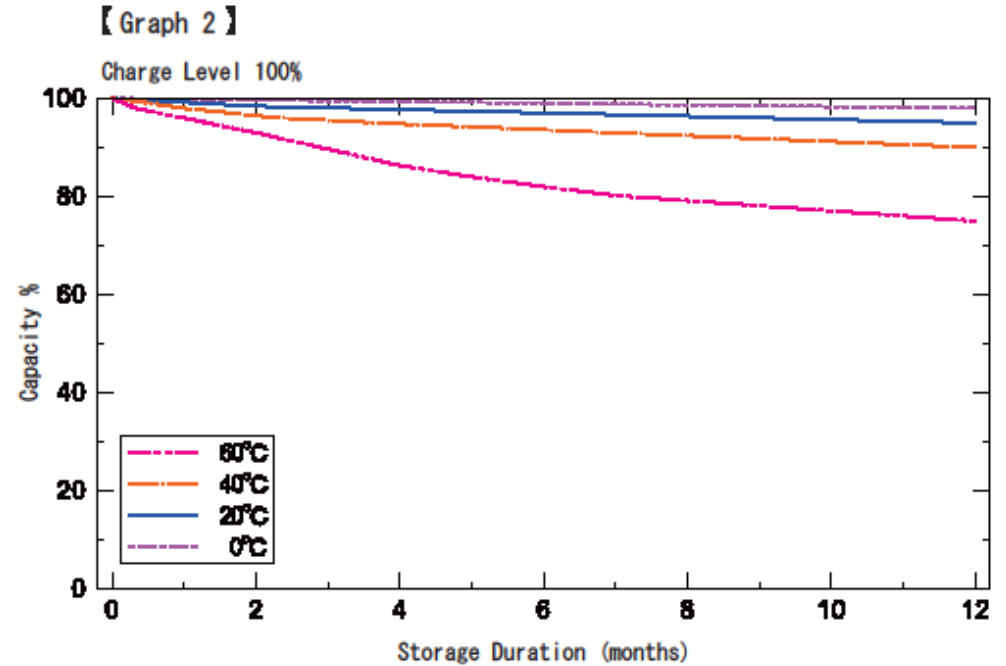


Lithium ion battery cells receive the least amount of damage when stored at a 40% charge level and in cool ambient temperatures. Storing lithium ion cells with a high charge level and/or in high temperatures can accelerate cell degradation. To minimize cell degradation, we recommend storing lithium ion batteries at a 40% charge in temperatures between 0°C~20°C (32°F~68°F). To maintain a 40% charge, please charge the battery for 30-45min every 3-5 months of storage.

The graphs below illustrate the degradation characteristics of an E-HL9S cell stored at 40% (Graph 1) and 100% (Graph 2) charge levels.



Graph 1 (40% Charge): Cell degradation is minimal even at a storage temperature of 60°C (140°F). At 0°C (32°F) cell degradation is nearly zero after 12 months of storage.



Graph 2 (100% Charge): At 60°C (140°F), cell degradation is accelerated; the cell loses approximately 25% of its capacity after 12 months of storage.