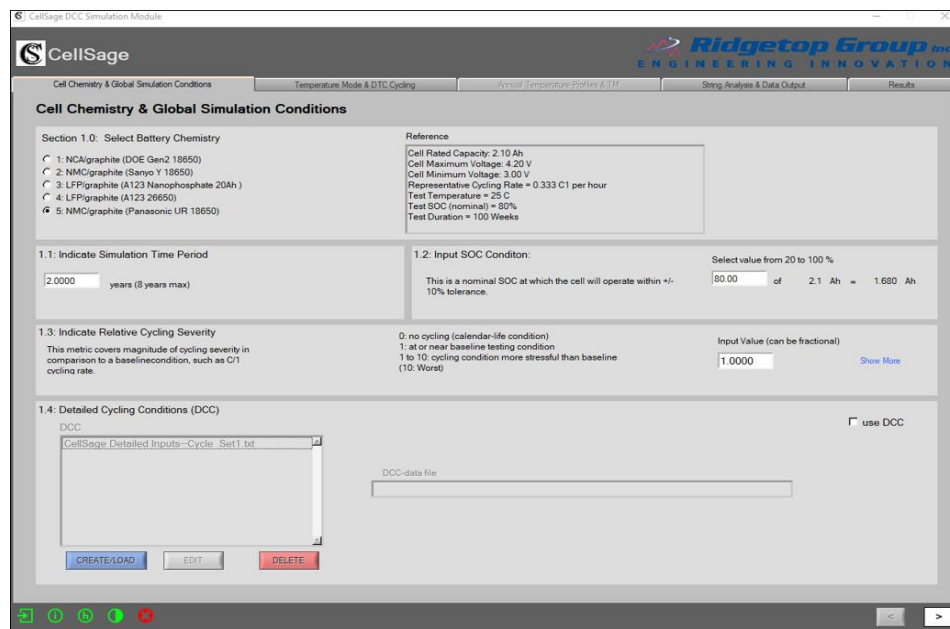


Tucson, Arizona January 18, 2022

Ridgetop Group is excited to announce the release of the CellSage Detailed Cycling Conditions (DCC) Simulation Module, an advanced battery and cell aging software simulation tool that represents over a decade of research in electro-chemistry, physics, and thermodynamics. CellSage can assess how various battery chemistries age and degrade in response to different usage profiles and operating conditions for electric vehicles, grid energy storage, and other battery powered systems. CellSage can take into account more than 20 environmental and operational parameters, including battery chemistry, temperature profiles, thermal cycling, as well as cell string topology and several others. CellSage also calculates more than 20 vital health metrics and aging effects such as state of charge (SOC), capacity loss, cell/battery conductance loss, and power fade.



In the last decade we have seen a massive surge in the adoption and deployment of lithium ion batteries, and innovative tools like CellSage are in high demand to characterize battery-based energy systems during their initial design and development efforts, as well as in the field. To meet this application need, CellSage is offered as one of the first cost effective engineering tools that can model various types of chemistries and can accurately predict how a particular battery cell will degrade under real operating conditions.

For more information, please review the [CellSage Product Page](#) or contact Ridgetop Group directly.

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