

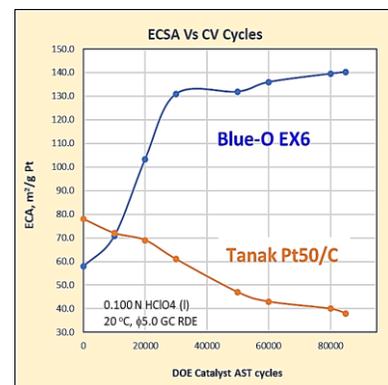
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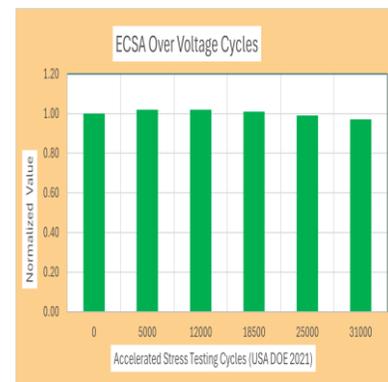
Power Sustaining Electrocatalyst EX6

The loss of electrochemical active surface area (ECSA) has been a critical factor of deterioration of electrocatalytic performance of hydrogen fuel cell power loss and its associated shortened lifetime. This challenge has been a hot focus of research and development though last a few decades. In 2021, Blue-O has solved this challenge and beyond. Blue-O has developed a novel class of engineered nanomaterials that not only showed zero deterioration over 80,000 AST voltage cycles, but also exhibited a dramatic ECSA increase and reached a plateau.

Incorporation of such advanced EX6G electrocatalysts in hydrogen fuel cell system will boost greatly the needed power with much appreciated lifespan over at least 25,000 hours for desired HDV power generator application.



Another similar ENM electrocatalyst were evaluated at a Chinese state automobile technology testing center. It showed unparallel stability of ECSA over the required testing cycles. Its increased specific activity and mass activity demonstrated its true catalytic performance over time. Based on the known scientific and engineering knowledge, incorporation of such potent electrocatalysts in the hydrogen fuel cell power generators will boost their performance and lifespan, which is idea for mass market growth.



Blue-O Tech is looking for potent investors and strategic partners to produce this novel and potent electrocatalysts for zero emission power generation. Please come to visit us at Hannover Messe at Hall 13 booth 4. Support us or work with us together to combat the climate change and to protect our living earth.

