

Electric Aviation



Aviation is one of the main drivers of climate change due to high CO2 emissions. To make this segment climate-neutral, the focus is on electric or hydrogen-powered aircraft. These systems not only contribute to the safe and operational efficient aircraft but also pave the way for next-generation aviation technologies. Electric aviation is clean and causes less noise.

In the rapidly evolving aviation industry, the pursuit of efficiency, performance and sustainability has led to significant advancements in electrical power systems. One of the most critical factors in aviation is minimizing the weight of the aircraft. Higher DC voltages of up to 3000V allow for the transmission of power using lower current which reduces the needed amount of copper. Testing is crucial to ensure safety and reliability.

Take your **sustainable flight solution** to the next level.



EA-10000 Series

Largest product variety in the market.



- For testing of batteries, fuel cells, converters and many more
- Allows various tests to ensure functionality, safety and reliability of the DUT
- Bidirectional or unidirectional
- Devices can be put in parallel or in series
- Voltages up to 3000V
- High power level up to 1.92 MW
- High Power density with 30kW in a 4U
- Very high efficiency of up to 96.5% saves energy costs
- Regenerative in load mode
- Integrated function generator

