

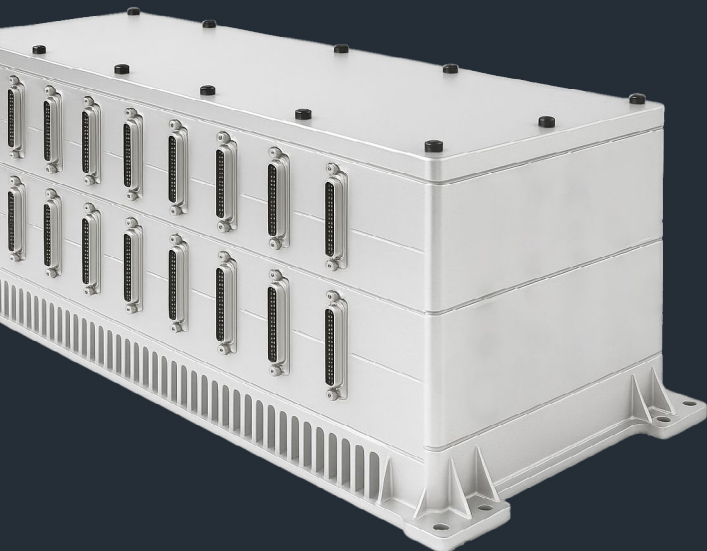
Space Systems



Satellite systems and near earth space technology is growing because these are key technologies for modern society. From communication technologies to earth exploration systems, modern and innovative space technology will shape the future of mankind.

Space technology systems are equipped with numerous electrical components. From solar cells creating the needed energy, through batteries and fuel cells that store the energy to DC-DC converters and consuming devices. Testing is crucial to ensure a safe and reliable functionality also in peak load operation.

Give yourself a **competitive boost** in the run of space.



EA PSB-20000 Series

Triple output power for space technology testing.



- Higher test capacity with 3 independent output channels
- High Power density with 30kW of bidirectional power in 4U size
- Allows various tests to ensure the functionality, safety and reliability
- High test coverage: 3 x 10kW, e.g. 2 x 10kW power supply and 10kW load
- For testing of batteries, fuel cells or DC-DC converter as well as emulation of batteries, fuel cells and PV modules
- Integrated function generator with 1 ms communication speed (with EtherCAT)
- Cost effective with up to 96% efficiency
- Regulation modes CV, CC, CP, CR with fast crossover
- Future viability: built to handle further testing scenarios
- Water-cooling option for dusty areas

