

Electrical Power Systems 2020

Towards the More Electric Aircraft

The 1st review of the market from Counterpoint Market Intelligence Limited

Why buy this report?

Our new 104-page report analyses the \$3.34bn aircraft Electrical Power Systems market, a sector which is exhibiting above-trend growth as the market moves towards the More Electric Aircraft.

We have segmented the Electrical Power Systems (EPS) market into three categories, given that airframe OEMs specify and procure largely along these lines;

- Generation
- Conversion
- Distribution

We have created a new integrated market model that assesses 15 Power Systems component functions across the three categories in Aerospace & Defence markets to produce;

- Estimated market size in 2019; OE, spares and repairs
- Market growth projections and segmentation under three different post Covid-19 scenarios over the period 2019-2029
- Estimated supplier market shares across the whole market and the three main categories
- We include a matrix showing a comprehensive list of power system components and suppliers in the three categories above.

We describe the Electrical Power Systems market structure and supply chain e.g.

- Some parts of the market are now very concentrated e.g. there are only two credible sources of electrical main frame power generation for commercial aircraft: Collins Aerospace and Safran.
- In contrast, the market for conversion and distribution products is quite fragmented.
- EPS providers enjoy above average double digit returns on sales

We look at key trends in the market including

- Above-trend growth due to the steady migration of older mature technologies such as pneumatic, hydraulic and mechanical powered systems to electrically powered and controlled systems.
- The increasing penetration of Solid-State Power Controls (SSPC), replacing traditional electro-mechanical devices
- Consolidation in the supply chain, which has been happening for a long time

We include profiles of 27 key suppliers in this report. Our profiles cover;

- Origins and ownership
- Estimate of electrical power systems sales & financials
- Operations and technologies
- Customers and contracts
- Strategy
- Recent developments
- Our comments on its overall market position

In summary, we see the Electrical Power Systems sector as attractive, based upon both above trend growth potential (more electric aircraft) and the potential quality of earnings (engineered products, aftermarket). We see little threat of obsolescence (other than the older designs of electro-mechanical devices) and the barriers to entry for new entrants are very high within EPS.

We offer purchasers of our report a free teleconference to discuss any aspects.

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WHY COUNTERPOINT?

Counterpoint Market Intelligence Limited was formed by Richard Apps and George Burton in 2004 to offer original, independent and rigorous research into aerospace markets. Between them, George and Richard have over 40 years of experience in senior positions in aerostructures, engine components, and aerospace equipment.

Counterpoint is an international business, with 80% of sales outside the UK. Sales of research reports have led to consultancy projects. Two thirds of sales are to the aerospace industry – aircraft and engine OEMs and first and second tier suppliers. Other clients are private equity funds, investment banks and government organisations.

In addition to this report the following reports are available from Counterpoint Market Intelligence Limited:

- Aerostructures 2020
- Aero-Engine and IGT components 2020
- Aircraft interiors 2019
- Aerospace composites 2019
- Aerospace actuation 2018
- Tooling & automated assembly for aerostructures 2017
- Mini reports;
 - Engine Controls and Health Monitoring 2020
 - Aircraft Harnesses and Electrical Standard Parts 2020
 - Aircraft Fluid Conveyance 2019
 - Aerospace Sensors 2019
 - Aerospace valves 2019
 - Aerospace Machining 2019
 - Aerospace Environmental Control Systems 2018

Counterpoint Market Intelligence Limited also undertakes commissioned consultancy studies for its clients in areas including the following:

- Deep-dive market analysis
- Evaluation of the strategic positioning of businesses
- Market and strategy-related due diligence for M&A
- Acquisitions search

How to buy the report

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