

# Announcement

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## Cost, Weight & Space Saving SP-280 IFEC & PED Power!

Bohemia, New York (March 2020) – Data Device Corporation (DDC) announces that our [SP-280 IFEC & PED power supply](#) is fully flight qualified. The SP-280 is an innovative space and weight saving IFEC (Inflight Entertainment and Connectivity) & PED (Personal Electronic Devices) power solution that provides 28V power for both IFEC electronics and PED USB charging ports, including USB Type-A (up to 24 seats @10 Watts) charging of personal electronic devices. Featuring best-in-class power efficiency (>92% nominal) along with optimized power utilization to generate less heat dissipation than other available alternatives, the compact, space saving design enables more comfort and space for passengers by eliminating the need for under-seat boxes, brackets and shrouds, as it can be conveniently mounted within the cabin wall or ceiling.

**Also, coming later in 2020...**



We will also be introducing two new products to our seat power series. The SP-280-PS is a PED only version of the SP-280 power supply, which offers improved weight (1kg), space (170mm x 140mm x 46mm) and cost savings at a power efficiency of >88%. The SP-280-PS provides support for DDC's new Power Share technology enabling smart power sharing across multiple seat banks without the need for an MCU/AMCU. Power Share provides intelligent,

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flexible and optimized power management across multiple peripherals with varying power requirements. The SP-280-PS power supply operates in conjunction with DDC's new USB-C PD Power Negotiator units (SP-140-PN) to provide an intelligent power management system that can supply and dynamically adjust PED power, including both USB Type-A & USB Type-C (@60 Watts). The system enables expanded seating by constantly monitoring and redistributing power to achieve optimized loading and increased device support, all safely within the limits of aircraft power availability and without the need of an MCU/AMCU.

DDC will be showcasing our recently flight qualified SP-280 IFEC & PED power supply and the new SP-280-PS later this year at upcoming shows. We invite you to stop by during these shows, learn more about these innovative IFEC & PED power solutions, and meet with our executives and product line experts to discuss your technical and program development needs.

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**Data Device Corporation (DDC)** is a world leader in the design and manufacture of high-reliability Connectivity, Power and Control solutions (Data Networking Components to Processor Based Subsystems, Space Qualified SBCs and Radiation Hardened Components; Power Distribution, Control and Conversion; Motor Control and Motion Feedback) for aerospace, defense, space, and industrial applications. With awards for quality, delivery, and support, DDC has served these industries as a trusted resource for more than 55 years... providing proven solutions that are optimized for efficiency, reliability, and performance. Data Device Corporation brands include DDC, Beta Transformer Technology Corporation, National Hybrid Inc., North Hills Signal Processing Corp., Pascall Electronics Ltd., and XCEL Power Systems Ltd. DDC is headquartered in Bohemia, NY and has manufacturing operations in New York, California, Mexico, and the United Kingdom. For more information, visit: [www.ddc-web.com](http://www.ddc-web.com), follow us on:

