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# DDC introduces new 280W converter

By **Rachel Debling** on October, 1 2018 | Tech & Hardware



[Data Device Corporation](#) (DDC) has introduced a new [280W converter](#) that can supply 28V power for IFEC electronics and USB charging ports for up to 24 aircraft seats. The company explained in a press release that it is a "compact, high-output and cost-effective solution that delivers the industry's best power efficiency performance."

The design of the 1-14683-R converter saves space, providing more comfort for passengers as the unit is conveniently mounted within the cabin wall or ceiling.

Other benefits of the design, according to DDC, include:

- Best in-class power efficiency optimizes power utilization and generates less heat than competing units
  - Power efficiency > 92% (power factor > 0.95) at 115VAC 400Hz and max load
- Safe, reliable power
  - Over-current protection
  - Thermal shutdown
  - Short circuit protection
- Complete seat MRO package available, including sidewall mounting, seat loom and USB sockets

Graham Jefferies, DDC's Managing Director for DDC Electronics Limited, said in a statement: "Offering best-in-class power efficiency and reliability, and available as a complete seat MRO package, the compact 280W IFEC and PED power solution affords aircraft integrators a cost-effective means to shorten installation time, while freeing up valuable cabin space for passenger comfort and safety."