



1215-20

28VDC to 110 Volt AC In-Seat Power Supply

The EMPOWER® In Seat Power Supply is the world leader in charging portable electronic devices for passengers and crew with over one million outlets installed. The 1215 In-Seat Power Supply family intelligently converts and manages 28VDC to multiple outputs of 115VAC/60Hz. Safety features such as ground fault interruption, over current and voltage and plug detect are all included with this inverter making the installation faster and easier.



Features

- Designed based on our patented, highly efficient, state-of-the-art power supply technology
- Provides clean sine wave power for laptop computers and portable electronic devices (PEDs)
- Power available for up to three outlet units at up to 175VA per outlet; total power of 225VA per ISPS
- Weight \leq 2.2 lbs. approximately 40-50% less than competing systems
- Passive cooling (silent / no fan)
- Mil-C-38999, Series III input/output connectors
- EMI compliant – audio and radio frequency filtering

Power

Input: 28VDC

Output: 110VAC, 60Hz, 225VA total
One, two, or three outlets with up to 175A to each OU

Safety

- GFI circuit protection
- Intelligent thermal management system
- Over-current and over-voltage protection circuits
- AC outlet protection when used with EMPOWER® outlet units. Power is supplied only when all prongs of an AC plug are inserted simultaneously.

KEY BENEFITS

- All passenger protections are built in
- Intelligent power and thermal management
- Lightweight and compact
- Easier installation with fewer components
- Fast delivery

Certification

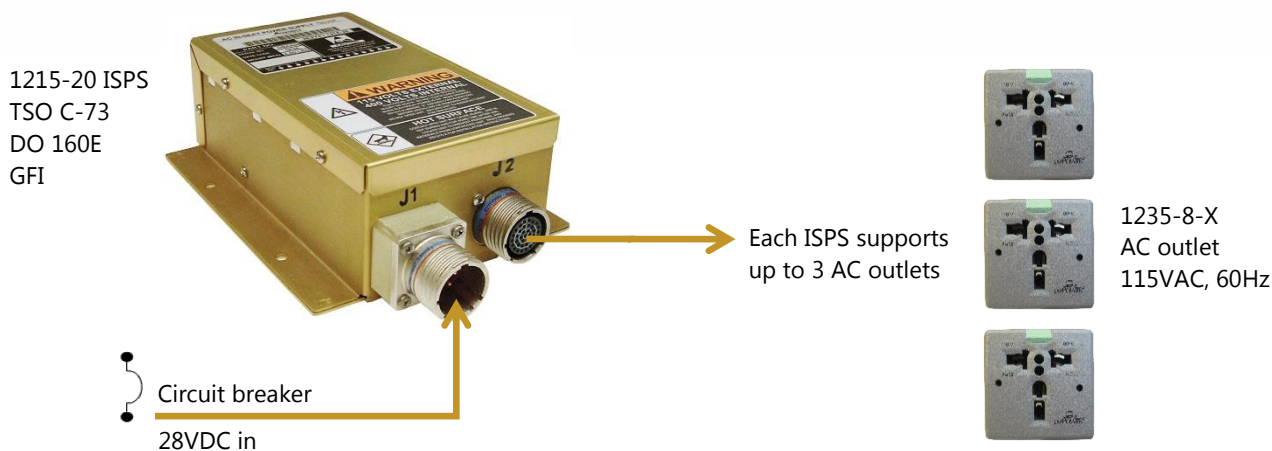
Meets or exceeds TSO-C73 and FAA Policy Statement for Certification Power Systems in Part 25 Aircraft dated March 18, 2005

Qualification

RTCA/DO-160E

Configuration

Combine EMPOWER® Outlet Units with the 1215-20 EMPOWER® In-Seat Power Supply for a complete solution.



AC Compatibility



Size

5.25 in W x 6.75 in L x 2.50 in H
(133.4 mm W x 171.5 mm L x 63.5 mm H)

Weight

2.2 lbs (1.0 kg) nominal

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