



1215-30

28VDC to 110 Volt AC & 5VDC USB 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 and provides 28VDC for USB. 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 AC sine wave power for laptop computers and portable electronic devices (PEDs)
- Passive cooling (silent operation)
- Automatic thermal management
- Internal load shedding
- Mil-C-38999, Series III input/output connectors

Power

Input: 28VDC

Output: 110VAC, 60Hz, 225VA total
Supports three AC outlets (max)
Maximum 175VA to each outlet unit
Supports four USB outlets with conditioned 28VDC

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

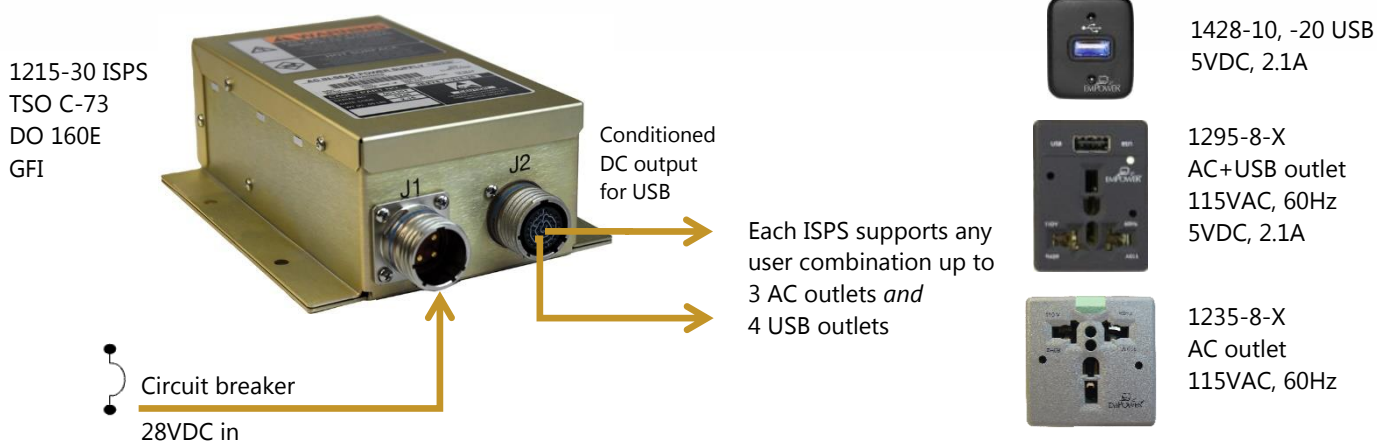
- Meets or exceeds FAA Policy Statement for Certification, Power Systems in Part 25 Aircraft dated March 18, 2005
- FAA TSO C-73

Qualification

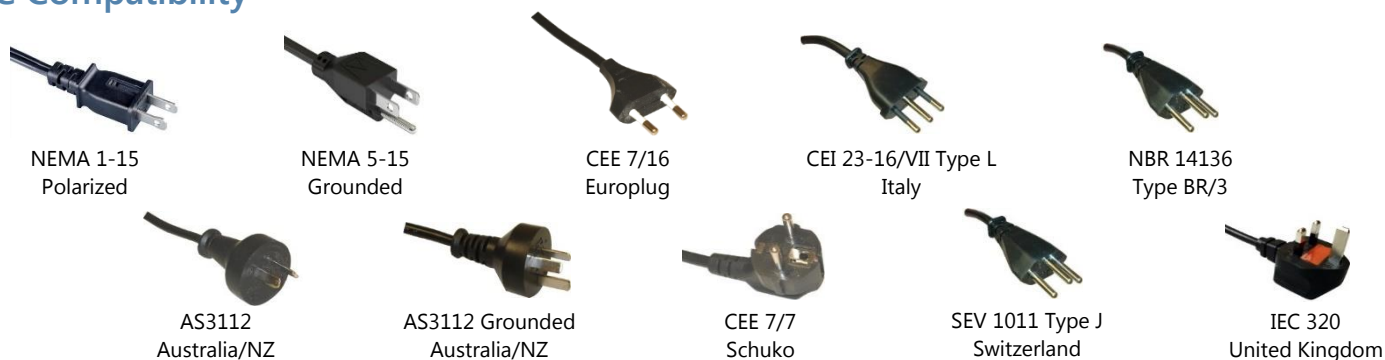
- RTCA/DO-160E, F, G
- DO-178, Level D

Flexible Configurations

The EMPOWER® system offers a variety of custom configurations.



AC Compatibility



Size

5.5 in W x 7.25 in L x 2.50 in H
(139.7 mm W x 184.2 mm L x 63.5 mm H)

Weight

2.4 lbs (1.09 kg) nominal

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