



## Airborne In-seat Power Supply - Model ACS1275

TDI Power offers a reliable and cost effective solution for passenger power needs with our Airborne In-seat Power Supply. The supply delivers sufficient 115Vac 60Hz power from a standard airborne AC input for a typical 3-seat configuration as well as three 5Vdc outputs. When used as part of TDI's Airborne Power Management System, multiple devices may be used throughout the aircraft to ensure all passengers have access to seat power without the use of ancillary equipment such as MCUs.

### Product Features:

- Input: 115Vac / 360-800Hz / 1 Phase
- Main output: Three 115Vac / 60Hz (<2% THD)  
Max power 250VA (150VA per outlet)
- Secondary Output: Three 5Vdc outputs at 2.5W ea
- Size: 6.5"L x 5.25"W x 2.4"H (excludes connectors/tabs)  
165.1mm x 133.3mm x 60.9mm
- Weight: <2.0 lbs (.907 kg)
- Efficiency: 87% at full load
- Silent cooling / no forced air needed
- EMI Compliance: RTCA/DO160E, Section 21, Cat. M
- Vibration: RTCA/DO160E, Section 8, Cat. S
- Temperature: Operating -20C to +60C (baseplate)  
Non-operating -40C to +85C
- Standard connector interface (options available)
- GFCI Threshold: 20mA 30msec
- Component Derating per NAVSO P-3641A



TDI Power's core competency is our ability to create power conversion products to demanding customer and industry standards and deliver highly reliable products that meet market driven cost targets by utilizing our wholly-owned, state-of-the-art Asian manufacturing facility. We have more than 20,000 power supplies of various types currently flying on over 600 commercial aircraft including Boeing, Airbus, and Embraer planes for IFE and other cabin requirements.

**TDI Power products are currently flying on the following aircraft:**  
**A318 A320 A380 717 737 757 787<sub>(designed in)</sub> E190**

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