



## 1191-41, -46 (3 Output)

### 110V AC and High Power USB In-Seat Power Supply



The EMPOWER® 1191-41/-46 Power Supply provides conditioned power for up to three combination (110VAC/60Hz and high-power USB +5VDC at 2.1Amps) outlet units for charging passenger electronic devices (PEDs), as well as for use with EFB products in the cockpit. The 1191-41/46 intelligently converts and manages 110VAC wide frequency aircraft power into 110VAC/60Hz and +28VDC.

#### Features

- Passive cooling (silent/no fan)
- ISPS allows up to three independent in-use lights enabling sharing of one ISPS to multiple seat rows/locations
- Utility mode disables all outlet indication lights and provides auto reconnect feature for cockpit and crew use
- Aisle indication light turns on after initial power up enabling maintenance and flight crews to perform quick status check of the entire cabin
- Flashing aisle indication light during operation indicates GFI trip, or self-test failure
- Backward compatible with previous generation EMPOWER® systems
- Compatible with Astronics' 1327-X active HPUSB outlet units or the 1295-2-X integrated AC/HPUSB outlet units

- Aircraft power is provided via D-Sub connectors for -41 and via circular connectors for the -46
- RoHS compliant

#### Power

**Input:** 115VAC, 360–800Hz, single-phase (3-phase pass-through for daisy-chain wiring)

**Output:** 110VAC, 60Hz, 225VA total and +28VDC  
Three (3) outputs of 110VAC at up to 200VA each  
Three (3) +28VDC outputs totaling 40W  
Designed to power up to three (3) HPUSB outlet units\*

\*Active USB outlet required to produce USB level voltage (+5 VDC)

#### KEY BENEFITS

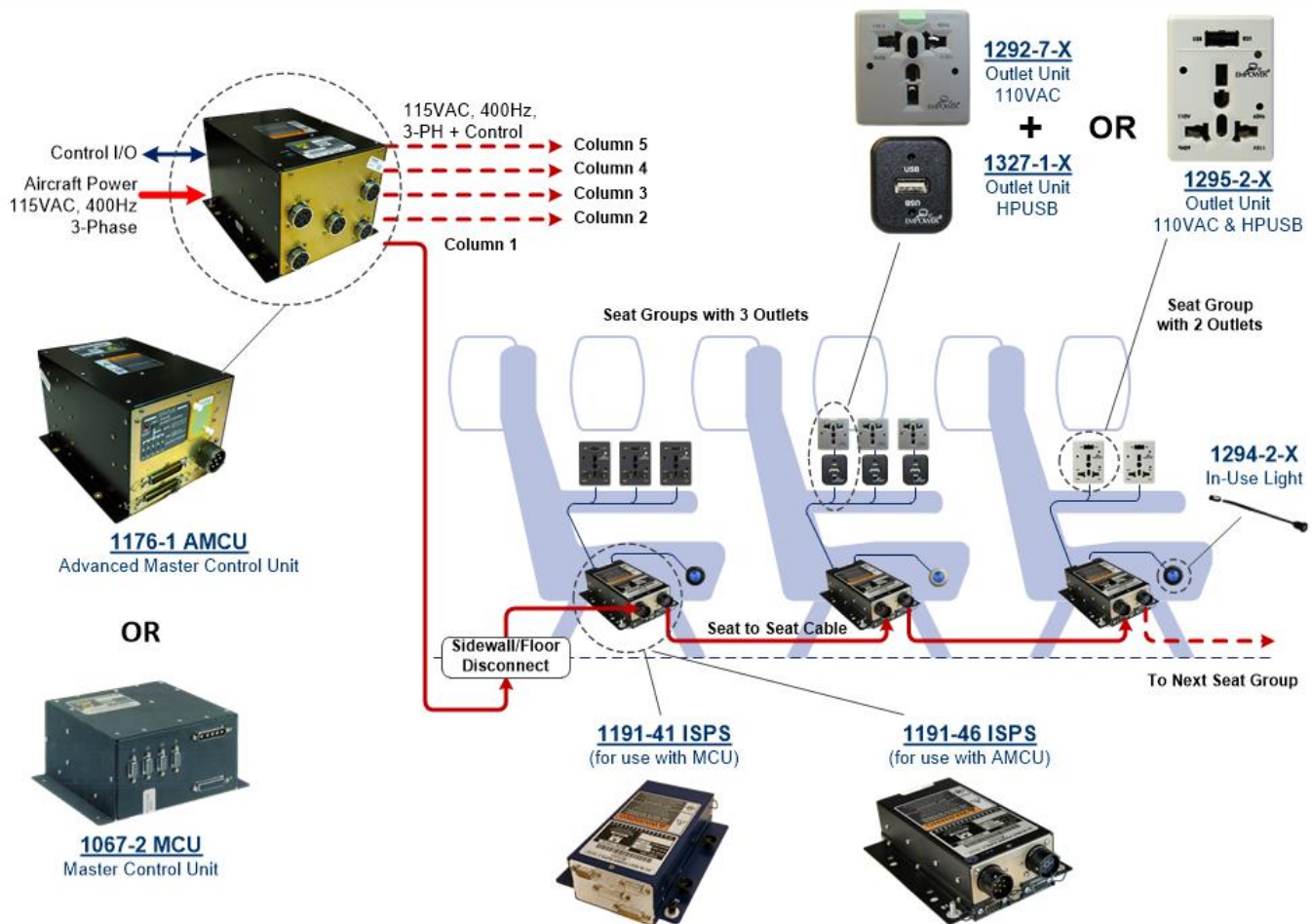
- Meets rigorous aircraft OEM requirements and is line-fit offerable at Airbus, Boeing, and Bombardier
- Highest power available in market

#### Certification

Compliant with FAA/EASA standards for PED power systems

Boeing, Airbus, and other OEMs compliant

## Standalone EMPOWER® AC with HPUSB System Architecture



### Size

5.25 in W x 6.56 in L x 2.16 in H  
(133.4 mm W x 166.5 mm L x 54.9 mm H)

### Weight

1.9 lbs (0.86 kg) nominal

### Safety

- Dual GFI circuit protection (6mA/30mS), UL 943 compliant
- Over and under voltage/current protection
- Short circuit protection with auto recovery function
- Dual redundant thermal management protection with auto recovery
- Power on self-test

### CONTACT INFO

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