

# EMPOWER® Systems

## 1375-2



### Direct Current Power Supply (DCPS)

#### Size

6.5 in W x 10.00 in D x 2.00 in H  
(165 mm W x 254 mm D x 51mm H)

#### Weight (nom)

3.8 lbs  
(1.72 kg)

#### POWER

Input: 115VAC, 360-800Hz

Output: +28VDC outputs, 420W total

#### FEATURES

- Designed for use with 1327-X series of High Power USB Outlet Units (+5VDC @2.1A)
- One 1375-2 DCPS can support up to 24 USB outlets with simultaneous charging
- Can be wired directly to aircraft power via breaker panel or used in conjunction with EMPOWER® head-end power control units Master Control Unit 1067-2 or Advanced Master Control Unit 1176-1
- Power conversion efficiency greater than 85%
- Output load overcurrent fault and overvoltage fault protection
- Input AC line voltage is isolated/insulated from the +28VDC outputs
- Electro-Magnetic Interference (EMI) filtering
- Built-In Test Equipment (BITE) and continuous fault monitoring with LED Status Indications



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## USB UltraLite System

The EMPOWER® USB UltraLite System is a new, alternative architecture for providing High Output USB power without the need for a power supply/converter unit at the seat group. The result is system that can offer a much lower cost and weight than traditional, seat based converter architectures. Aircraft 115VAC power is converted to +28VDC for distribution to the seat groups, using zone based P/N 1375-2 DC Power Supply (DCPS2) units. P/N 1327-X-X Outlet Units converts the +28VDC power to +5VDC USB power (up to 2.1A continuous).

### EMPOWER® USB UltraLite System Architecture

