ASTRONICS
ADVANCED ELECTRONIC SYSTEMS

EMPOWER®

1295-8
110 Volt AC and USB Outlet Unit

The EMPOWER® Dual AC/USB outlet unit provides passengers with the ability to charge multiple devices simultaneously. Designed for use with EMPOWER® In-Seat Power Supplies, the universal AC outlet supports charging of all portable electronic devices anywhere in the world.

Features

- Designed for use with EMPOWER® In-Seat Power Supplies (ISPS)
- Provides 110VAC, 60Hz and +5VDC, 2.1A USB power simultaneously
- Status indicators for:
  - ◦ USB power available
  - ◦ AC power available
  - ◦ System status
- Intuitive operation
- Internal soft white LED backlight suitable for use in dim lighting conditions and dark cockpits
- Robust design targeted at the aircraft environment ensures the highest reliability
- Standard and custom colors available
- Compatible with plugs from over 155 countries and standard USB cables

Power

Input: 110VAC, 60Hz and conditioned 28VDC from 1215-30 EMPOWER® inverter

AC Output: 110VAC, 60Hz at 175A
USB Output: 5VDC, 2.1 amps

Safety

- Intelligent safety interlock provides 110VAC only when the user's plug has been properly inserted into the outlet
- Third ground provides additional system grounding to the aircraft structure meeting the latest Airbus and Boeing requirements including the A380, A350 and B787

KEY BENEFITS

- Two modes of power for charging
- High power USB
- Power status indicators
- Universal for worldwide device charging
- Available in multiple colors to match cabin
- Decorative plated or unplated cover available

Certification

- Certified and offerable on aircraft for FAA Part 23, 25 and 29 installations
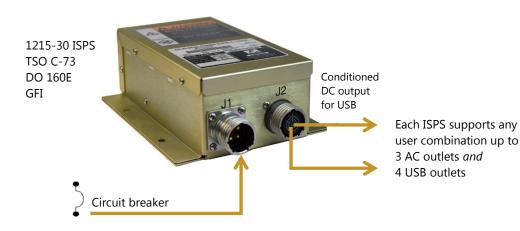- PMA on multiple aircraft types
- USB converter TSO-C71

Qualification

- RTCA/DO-160E, F, G

Flexible Configurations

EMPOWER® Outlet Units can be combined with EMPOWER® In-Seat Power Supplies in a variety of configurations.

1215-30 ISPS
TSO C-73
DO 160E
GFI

J1   J2

Conditioned
DC output
for USB

Each ISPS supports any
user combination up to
3 AC outlets *and*
4 USB outlets

Circuit breaker

1428-10, -20 USB
5VDC, 2.1A
TSO C-71

1295-8
AC+USB outlet
115VAC, 60Hz
5VDC, 2.1A
TSO C-71

AC Compatibility

NEMA 1-15
Polarized

NEMA 5-15
Grounded

CEE 7/16
Europlug

CEI 23-16/VII Type L
Italy

NBR 14136
Type BR/3

AS3112
Australia/NZ

AS3112 Grounded
Australia/NZ

CEE 7/7
Schuko

SEV 1011 Type J
Switzerland

IEC 320
United Kingdom

Size

2.31 in H x 1.68 in W x 1.25 in D
(59 mm H x 42 mm W x 32 mm D)

Weight

0.3 lbs (0.14 kg) nominal

CONTACT INFO

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