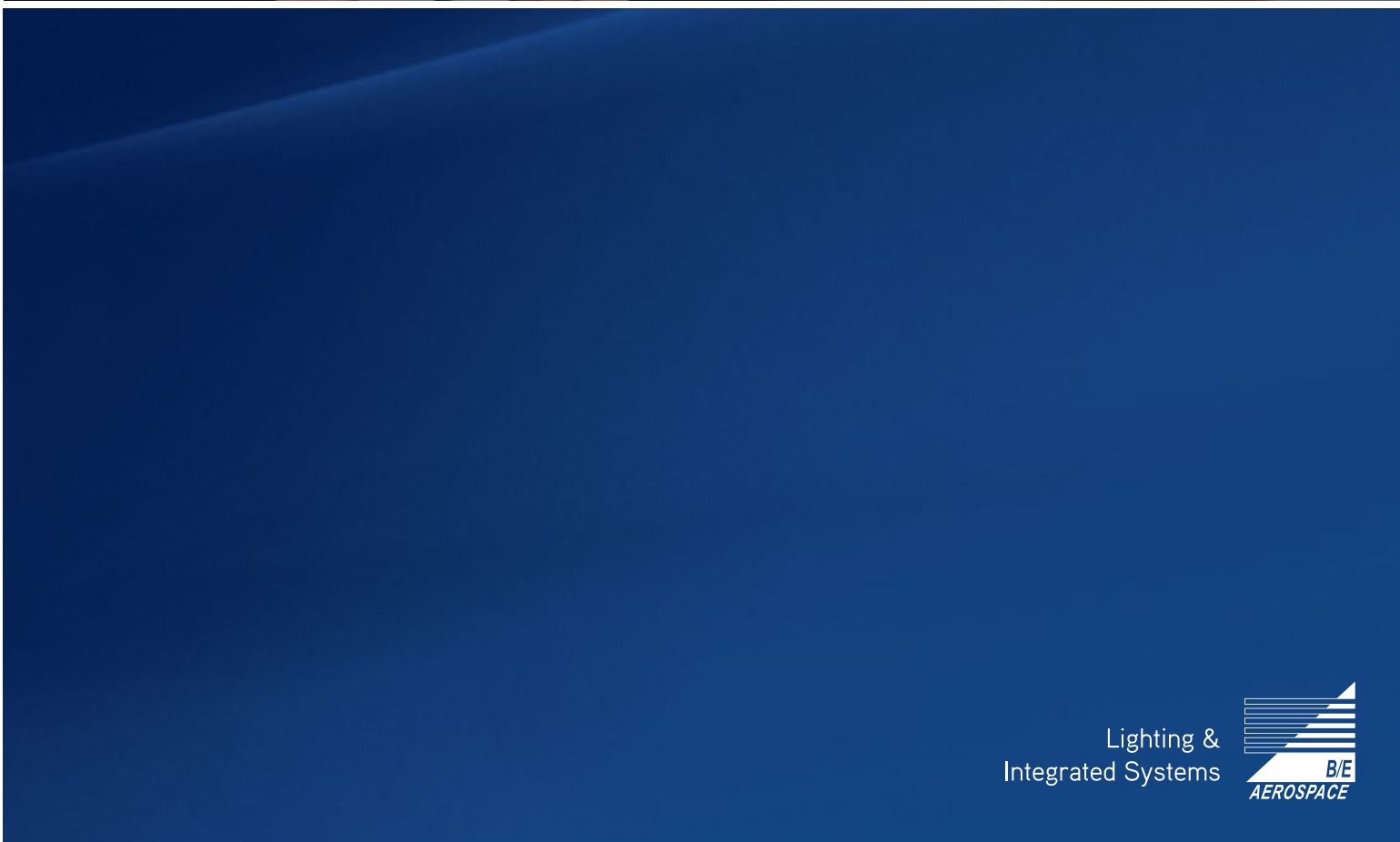




# CABIN POWER SOLUTIONS



Lighting &  
Integrated Systems



## THE EPITOME OF DESIGN AND PERFORMANCE

Lighting & Engineered Solution's cabin power line consists of two segments; AC Outlets and Specialty Ports & Jacks. The two lines have grown based on customer feedback to solve power problems within the cabin and cockpit. With Personal Electronic Devices (PEDs) becoming more important to passengers in the recent years, a focus has been on interacting with the changing landscape such as USB charging and a reduction in overall AC power system architecture. Options range from housing and bezel design to connector type and functionality.



## OUTLETS

The AC outlet product line keeps design and performance in mind. With a wide range of styles and optional features, you are sure to find the right outlet for your program. Our line includes North American, European, or Universal plug styles with options for lids, engraving, voltage, amperage, plating, harness length, LED indicator light, and reset capabilities. Many of our outlets are designed to be front mountable with the same mounting hole size making installation a breeze.

### intelliOutlet™

Truly an all-in-one outlet, the intelliOutlet has all the necessary components to be the main power source for passengers. It significantly simplifies installation by eliminating the external GFI box, relay, indicator light, and circuit breaker. With internal GFI technology you can reset the outlet either locally or remotely, and it has outlet in-use indication.

- Universal, North American, or European styles
- 1-5A, 6-10A for 120-240VAC; 10-20A for 120VAC
- 50 or 60Hz only
- Available with a spring-resistant lid
- Front mounting

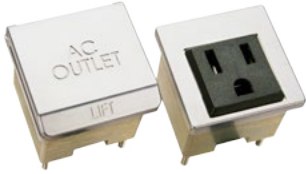


## PLUG PRESENCE DETECTION

The Plug Presence Detection (PPD) outlets take the pass-through line to a new level. Using discrete outputs, signals can be sent to a CMS or attendant switchboard panel to show in-use state.

- Universal or North American styles
- 1/2, 2, 3, 4, 10, 15, or 20 amps
- 50, 60, or 400Hz
- 110 or 220VAC
- Rear or front mounting





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## PASS-THROUGH

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Pass-through outlets provide basic functionality with a simple and compact design. It's our most cost effective outlets, they are ideal for any and all aircraft.

- Universal or North American styles
- 110 or 220VAC
- 5, 10, or 15 amps
- Rear mounting
- 50, 60, or 400Hz

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## SPECIALTY PORTS & JACKS

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The specialty line has solutions to complement your outlets for connecting to the Internet, phone, fax, scanner, or IFE system. With passenger's Personal Electronic Device (PED) usage increasing on the aircraft, charging in-flight is a necessity. We have developed a way to charge your PEDs via USB with two separate and customizable products.



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### THE USB CHARGING PRODUCT LINE

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Compatible with the leading manufacturers of phones, tablets, and eReaders including: Apple, Android, Windows, Samsung, HTC, Blackberry and more.

**intelliUSB™** – Designed with the same housing as the intelliOutlet, this USB charger will look great paired with traditional style charging. With an advanced micro-chip, it recognizes your specific PED and charges it at the maximum allotted speed for the device.

**intelliUSB SR™** – With an unobtrusive footprint of a mere 1 1/3" x 3/4" and a compact box hidden under the seat or in the sidewall, this port seamlessly integrates into the cabin. This smaller port has all the functionality of the intelliUSB, and with different harnessing lengths, this port has the flexibility to go anywhere.



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### THE DATA PORT PRODUCT LINE

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Boasts multiple options & configurations. This includes custom applications and combinations of every port.

- PC Video
- RJ-45
- RJ-11
- USB



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### CUSTOM

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Completely customized outlets and ports are offered for every customer application.

- Personalized bezels
- Custom combinations

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