BURRANA

In-seat Power

As the IFE experience advances to the usage of personal mobile devices inflight, the provision of reliable in-seat power is more important than ever before. Among the first to recognize this requirement, we now provide cost-effective in-seat power as a stand-alone product, or combined with our IFE solutions. The stand-alone power solutions can be either USB-A (5V 10W), USB-C (20V up to 100W), or 110V AC (160W). The system can be delivered in any configuration of these three options with headend power staying the same, allowing for a more flexible cabin configuration.

In-seat power solutions are affordable, compact, easy to install, and comprise a seat box, remote outlet and power supply.

General Specifications

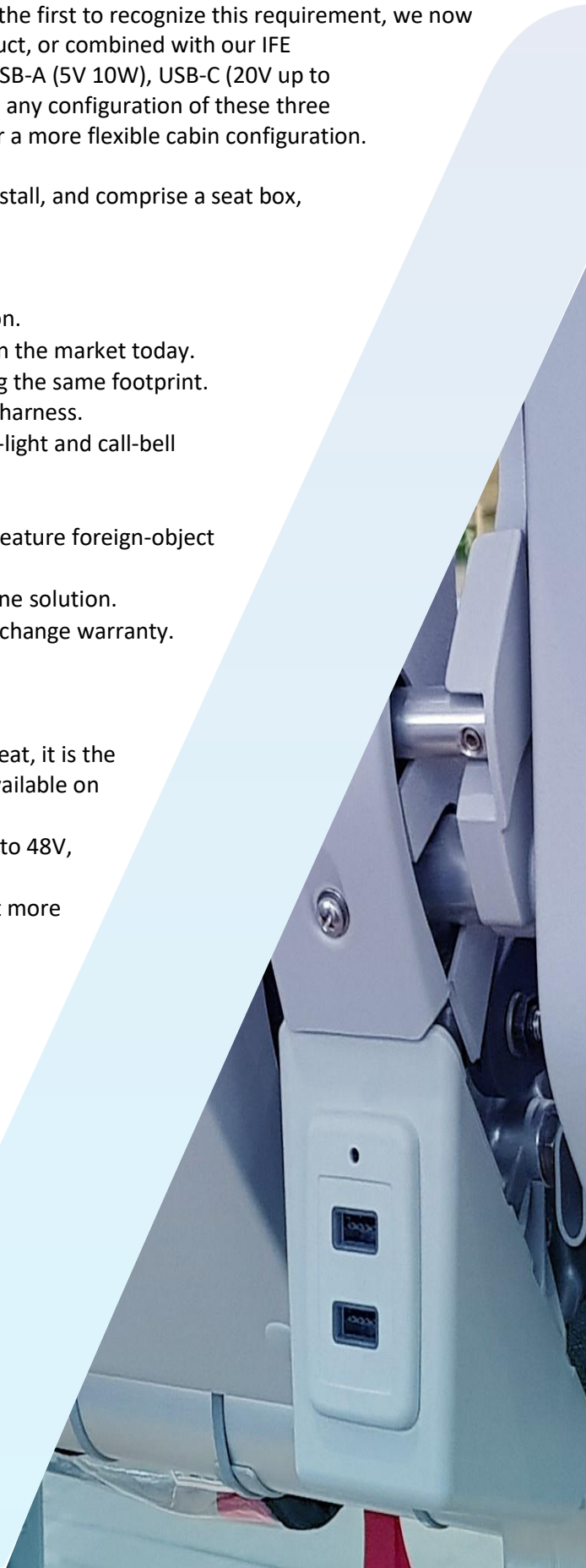
- Three seat-box options to tailor your power solution.
- Lightest weight in-seat power solutions available on the market today.
- Direct and easy upgrade from USB-A to USB-C using the same footprint. Installation uses the same in-seat and seat-to-seat harness.
- Optional Passenger Service Solutions (PSS) reading-light and call-bell functionality for wide-body aircraft.
- Fault condition LED status on all outlets.
- USB outlets feature centralized pin and all outlets feature foreign-object insertion protection.
- Typically no TSO impact on OEM seats for standalone solution.
- Fully supported service with a five-year forward-exchange warranty.
- Reversible USB jacks and universal 110V jacks.

Key Features and Benefits: USB-A

- Weighing only 0.4kg (0.8lb) per typical passenger seat, it is the lightest ready-to-install personal power solution available on the market.
- Low-voltage power supply converts aircraft power to 48V, enabling lightweight harnessing and seat box.
- Lower overall system and seat-box weight makes it more power efficient and reduces or eliminates seat recertification costs (typically no TSO impact on OEM seats).
- Reversible USB pin outlet means correct insertion 100 per cent of the time!
- Four outlets per seat box.
- Multiple bespoke shrouding designs enable outlet fitment in multiple locations.

Key Features and Benefits: USB-C

- Direct drop-in upgrade path from USB-A to USB-C when using standalone solution.



- All in-seat and seat-to-seat harnessing remains the same as with the USB-A system.
- Utilizes the same headend power supply as USB-A, further reducing upgrade cost.
- Provides intelligent delivery of up to 100W, enabling the charging of even the most power-hungry portable devices and laptops.
- Four outlets per seat box.
- Multiple bespoke shrouding designs enable outlet fitment in multiple locations.

Key Features and Benefits: 110V

- Miniature seat box means less footwell-space losses.
- Utilizes the same headend power supply, leveraging the weight saving provided by lighter harnessing.
- 2 x 110V 60Hz outlets for PED power.
- 110V 60Hz laptop power.
- 140W shared across 2 outlets for standalone solution.
- Each outlet features foreign-object insertion protection.
- Multiple bespoke shrouding designs enable outlet fitment in multiple locations.
- Same seat-to-seat configuration as USB, allowing for easy configuration of USB and 110V.
- Increased flexibility also allows for more dynamic LOPA changes.

Our modular and affordable engineering designs include PAVES and GLIDE embedded, overhead and portable IFE, USB and 110V power, LED lighting, passenger services, tape replacement, crew applications and content services. We deliver tailored solutions with reliable performance, operational efficiencies, and offer ancillary revenue potential.

To discuss how our solutions can best fit your needs, visit **burrana.aero**