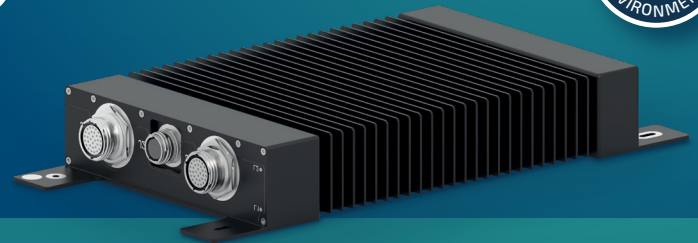


Powering the Next Generation of Connectivity

Reliable, Efficient Power for Advanced Aircraft Systems

Kontron's
Ace Flight™
Antenna Power
Supply Family



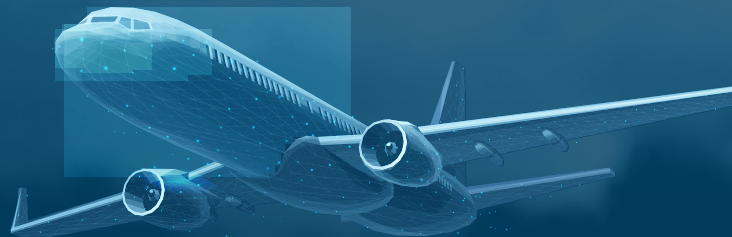
Built for the Modern Aircraft

As aircraft adopt next-generation connectivity like electronically steered antennas (ESAs), power becomes mission-critical. Kontron's Ace Flight™ antenna power supply family—spanning the KPSU-3P, PSU1600 and PSU800 solutions—delivers clean, stable, high-efficiency power across aircraft platforms. Built for demanding airborne environments, it ensures reliable, always-on performance for high-speed connectivity systems.

Power You Can Rely On

From next-generation antennas to evolving connectivity architectures, the Ace Flight™ power supply family provides the foundation for stable, high-performance onboard systems.

- › Proven reliability: Robust and flight-tested
- › Customizable interface: Tailored to system needs
- › Wide output range: Flexible power for diverse systems
- › Long operational life: Engineered for durability
- › In-service today: Installed and flying on aircraft
- › Line-ready: Ready for rapid integration
- › Trusted architecture: Field-proven design





Technical Specifications

Ace Flight™ PSU800

- › Single Phase Input 115VAC/360-800Hz, 200ms hold-up
- › Total Output Power: up to 800W
- › 57VDC output
- › ARINC 836 and ARINC 792 form factor compliant
- › Passive cooled, -15°C to 55°C operating temperature
- › DO-160G qualified, Line-fit Ready

Ace Flight™ PSU1600

- › Single Phase Input 115VAC/360-800Hz, 200ms hold-up
- › Total Output Power: up to 1600W
- › 28VDC output
- › ARINC 836 and ARINC 792 form factor compliant
- › Passive cooled, -15°C to 55°C operating temperature
- › DO-160G qualified, Line-fit Ready

Ace Flight™ KPSU-3P

- › Three Phase Input 115VAC/360-800Hz, 200ms hold-up
- › Total Output Power: up to 2KW
- › Dual 52VDC configurable output (1KW per output)
- › ARINC 836 and ARINC 792 form factor compliant
- › Passive cooled, -15°C to 55°C operating temperature
- › DO-160G qualified, Line-fit Ready

Trusted to Deliver

With over 30 years of experience and thousands of systems in operation globally, Kontron provides the foundation for secure, high-performance connectivity in mission-critical environments.