

# Airport AC DC power supply high temperature resistant FOB price



## AI Overview

High-performance airport AC/DC power supplies are available with rugged, high-temperature-resistant designs, supporting 28V/270V DC and 115V AC, with FOB pricing options from suppliers.

**Key Features**

- AC/DC Compatibility:** Modern airport power supplies provide both AC (commonly 115/200V, 400 Hz) and DC outputs (28V, 270V) to support aircraft systems, avionics, lighting, and engine start-up without using the aircraft's APU.
- High Temperature and Rugged Design:** Units are engineered for extreme conditions, featuring robust metal housings, base plate cooling, and high-temperature protection circuits. Many models comply with military and aviation standards such as MIL-STD-704, MIL-STD-810, and MIL-STD-461.
- Power Quality and Efficiency:** Advanced designs use IGBT, PWM, and soft-switching technology to achieve low ripple ( $\leq 150$  mV RMS), high efficiency (up to 95%), and fast dynamic response for high inrush loads like engine start-up.
- Protection Features:** Includes overvoltage, overcurrent, short-circuit, overload, and independent temperature detection protection, ensuring safe operation in demanding airport environments.
- Modular and Flexible:** Many units support series/parallel configurations (e.g., 28V/56V) and are available in fixed or mobile setups for flexible deployment across airport grounds.
- Compliance and Monitoring:** Integrated smart monitoring and aviation compliance ensure reliability for pre-flight checks, system initialization, and maintenance operations.

**Typical Specifications**

- DC Output:** 28V, 56V, 270V
- AC Output:** 115/200V, 400 Hz
- Power Range:** 100W to 2500W or higher, depending on model
- Ripple:**  $\leq 150$  mV RMS
- Efficiency:** Up to 95%
- Input Voltage:** 85–265VAC, 50/60/400 Hz
- Protection:** OVP, OCP, short-circuit, over-temperature

**FOB Pricing**

FOB prices vary depending on power rating, configuration, and supplier. For example, su...

## Article Content

Feasibility of very high temperature ac-dc switching

I'm involved in a product design (on the mechanical side, to be clear that I'm not an EE) where we need a very compact ac-dc switching power supply

AC-DC Power Supplies | Amphenol Aerospace

Products AC-DC Power Supplies AC-DC Power Supplies Rugged, reliable AC to DC converters designed end-to-end for the toughest military applications. COTS and

AC-DC Power Supplies | Amphenol Aerospace

COTS and custom Military-Grade AC-DC power supply solutions for air, ground and naval applications. We offer a wide variety of units designed to comply with the

T-Power 6.6ft Long Cable AC,DC AC Adapter for Apple A1143 A1301 Airport ...

T-Power - manufactured with the highest quality materials and include multiple smart features safeguarding against IV - incorrect voltage, SC - short circuit, IO - internal overheating.

AC-DC Power Supplies

For over 40 years we have been designing and manufacturing COTS and custom Military-Grade AC-DC power supply solutions for air, ground and naval

Static Ground Power Supply – S POWER

The Hitzinger S POWER electrical GPU supplies all common types of modern aircrafts with 200 / 115 VAC 400 Hz & 28 VDC. Thanks to its modular design the S POWER offers a vast range of possible

Airport Power Supply Solutions

Civil aviation airports are particularly important energy-consuming units, characterized by large areas, wide distribution, dense loads, and large power supply capacity.

High Temperature Power Supplies

Our standard high temperature power supplies provide protection for extreme environments with temperatures ranging from -55 to + 85°C and come in wall

Power Supplies

Shop DigiKey's large in-stock selection of Power Supplies - External/Internal (Off-Board). View inventory, pricing and order now for same day shipping!

Electric Wire & Cable, Power Adapter from China Manufacturers

110V/220V to 12V 24V LED Power Supply, 18W-100W Sld Series Ultra-Thin Transformer for Advertising Light Boxes & COB LED Strips (High Temperature Resistant) FOB Price: US \$0.82 /

Amazon : Adjustable Power Supply

DC Power Supply Variable, 0-30V 0-10A Adjustable Switching DC Regulated Bench Power Supply with High Precision 4-Digit LED Display, 5V/2A USB Port, Coarse and Fine Adjustment SPS-3010 2K+

400hz And 28vdc 20a 30a 40a 100a 120a 150a Power Supply For Airport ...

400hz And 28vdc 20a 30a 40a 100a 120a 150a Power Supply For Airport, Find Complete Details about 400hz And 28vdc 20a 30a 40a 100a 120a 150a Power Supply For Airport,Power Supply For

Airport Suppliers | Supplier Category

eGPUs, ground power units, solid state power units, cable reels With over 20 years of power supply expertise, AEME GSE offer a complete range of products including battery-powered mobile eGPUs,

Over Temperature Safe 1500W Automotive DC-DC Converter for

Over Temperature Safe 1500W Automotive DC-DC Converter for Automatic Shutdown,multitude of DC-DC Converter factories, Automotive DC-DC Converter wholesalers,distributors & traders. Get Latest

MyVolts 12V Power Supply Adaptor Compatible with Apple Airport

Product Description This 12V myVolts-branded power supply unit is fully compatible with Apple AirPort Extreme A1408 and can be used as a high-quality yet affordable replacement for the power adapter

Omnihil (White) 5 Feet AC Power Cord Compatible with Apple Airport ...

Product Summary: Omnihil (White) 5 Feet AC Power Cord Compatible with Apple Airport Extreme/Time Capsule - 2TB / 3TB Express Power Supply Charger Cord High Quality 5 Foot Long AC Power Cord

UpBright™ New 12V AC/DC Adapter Replacement for Apple Airport

UpBright NEW Global 12V AC / DC Adapter Replacement For Apple AirPort Extreme A1143 A1301 A1408 MD031LL/A 922-8903 922-5558 M9379LL/A Base Station, MC340LL/A A1354 Router 12VDC

Airport Ground Power Supply 100A 200A 28.5V with Static Frequency ...

Automatic shutdown with no output when the power supply is overheated, and the device automatically resumes output at low temperatures. Output display Voltage and current are

## High Temperature Power Supply & DC Converter

From converters for downhole oil and gas applications to power supplies for avionics applications, we produce products to meet the needs of your specific industry. Our High temperature DC converters

## Airport Extreme Power Supply

DC 19V 4.74A 90W Power Supply Power Adapter Charger Universal 100-240V 50/60Hz AC Input for Amplifier Laptop DAC OMNIHIL (8 Foot Long) AC/DC Adapter for 5V Foxlink T012A051 M9479LL/A

## Original OEM Apple AirPort Extreme Base Station

Find many great new & used options and get the best deals for Original OEM Apple AirPort Extreme Base Station Power Supply AC Adapter A1202 U at the best

## 400Hz/28V DC Airport Cables | Ground Power Supply Cables (GPU)

Reliable 400 Hz / 28 V DC cables for airports, Ground Power Units (GPU), and Ground Support Equipment (GSE). Flexible, weatherproof, oil-resistant, and available as plug-and-play pre

## Airport power supply

Find out all of the information about the FCX Systems Inc product: airport power supply FCXTREME 28. Contact a supplier or the parent company directly to get

## Airport power supply

Find your airport power supply easily amongst the 5 products from the leading brands (ELECTROAIR, FCX Systems, INEWATT, ...) on AeroExpo, the

## Airport Cable | Cables for Airfields | Eland Cables

Eland Cables' range of airport cables is designed with operational reliability in mind, and covers all safety-critical applications, from airfield lighting and high-speed

## AC/DC power supply

Find your ac/dc power supply easily amongst the 73 products from the leading brands (DIELH, ELECTROAIR, Champion Aerospace, ...) on AeroExpo, the aeronautic equipment specialist for your

## Power Supplies

Amphenol Aerospace is a trusted provider of rugged power supply solutions for use throughout harsh environment air, ground, and naval applications. Our power supply units perform a variety of

## Aerospace Sealed IP65 Power Supply

The AERO-POWER Series TM includes Aerospace Sealed IP65 Power Supply and Aerospace IP65 Power Supplies that provides High Reliability with COTS availability and affordability in a product that

## Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://sphplantsales.co.za>

Email: [info@sphplantsales.co.za](mailto:info@sphplantsales.co.za)

Phone: +27 64 827 3915

Address: Unit 9, Highveld Technopark, 43 Atlas Road, Johannesburg, 2196, South Africa

This document is for informational purposes only. Specifications subject to change without notice.

