



## Power supply unit for air traffic control centre

The main challenge we faced when developing this device was successfully implementing the required adjustable light display for air traffic control systems. Our experienced team installed more than 200 sub-rack systems at our client's site.



## Features

- Output Fuses with optical and electronical monitoring
- Modular rack system
- Redundant DC/DC converter subrack system
- Hot swap
- Dual input 48 VDC feeding
- Designed for convection cooling
- Adjustable output for illumination intensity with external potentiometer (module 1)
- Alarm output for remote signalling (module 1)
- Outputs are distributed over 4 fuses (module 2)
- Signal LED for each fuse (module 2)

## Input

- 2x 48VDC, redundant, internal o-ring diodes

## Output Module 1

- 4 -12 VDC, adj.
- 6 A / 75 W

## Output Module 2

- -24 VDC, fixed
- 8 A (4 x 2 A, fused)

## Output Module 3

- -48 VDC, fixed
- 4 A (4 x 1 A, fused)
- 200 W

## Dimensions

- 250 mm x 19" x 3 U (DxWxH)

## About Powerbox

Founded in 1974, with headquarters in Sweden and operations in 15 countries across four continents, Powerbox serves customers all around the globe. The company focuses on four major markets - industrial, medical, transportation/railway and defense - for which it designs and markets premium quality power conversion systems for demanding applications. Powerbox's mission is to use its expertise to increase customers' competitiveness by meeting all of their power needs. Every aspect of the company's business is focused on that goal, from the design of advanced components that go into products, through to high levels of customer service. Powerbox is recognized for technical innovations that reduce energy consumption and its ability to manage full product lifecycles while minimizing environmental impact.

## For more information

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