

P R
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POWERBOX
GB520 Series



Step down converter for air conditioning compressors

The high power drain during start-up posed some difficulties for our developers. Since the supply unit is integrated in a compressor system, the power consumption during system startup is very high. Once the system is up and running, the power input stabilizes on a normal level.



Features

- High efficiency (> 85 %)
- Cooling by internal fan
- For wall mounting installation
- Ruggedized version
- Over temperature protection
- Cost optimized design

Input

- +48 VDC

Output 520 W

- +26 VDC / 20 A

Dimensions

- 193 x 102 x 63 mm (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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