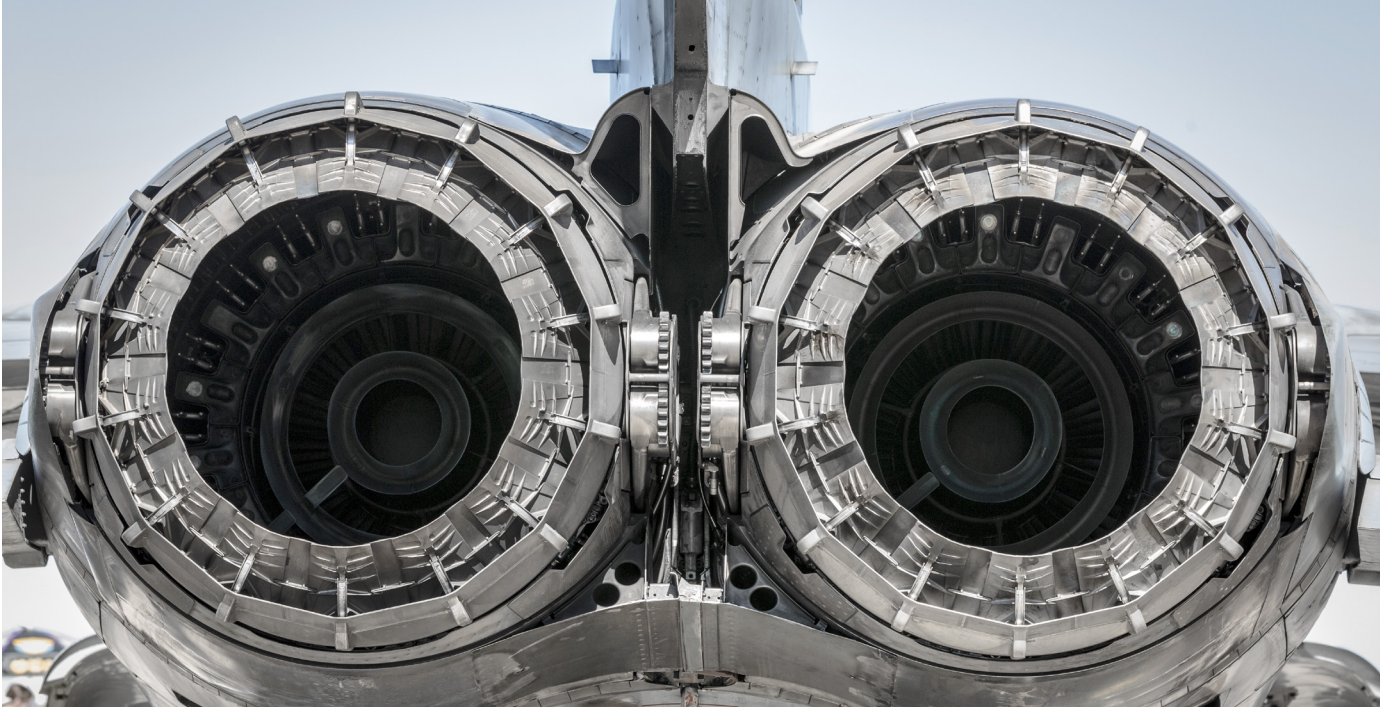


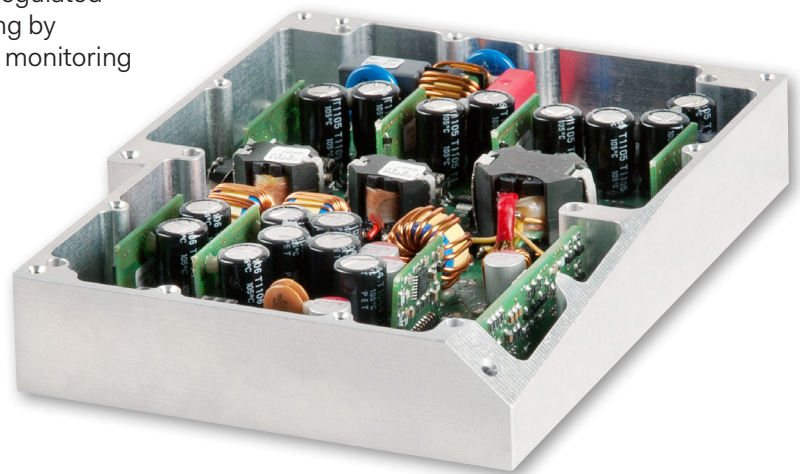
P R  
B X

POWERBOX  
GB85 Series



## Very compact DC/DC converter for camera systems

This product required us to implement 5 fully regulated outputs inside a extremely small chassis. Cooling by thermal contact of baseplate. I2C interface for monitoring and full range of military EMC requirements.



### Features

- Highly compact design with tightly packed components
- Input and output voltage monitoring
- Conforms to MIL-STD-461F and 1275D
- Operating temperature  $-40^{\circ}\text{C}$  to  $+85^{\circ}\text{C}$
- I2C Interface, isolated
- RS422 interface
- Remote ON/OFF for each output

### Input

- 18–36 VDC

### Output

- 5 V / 7 A
- 3.3 V / 0.2 A
- 2 x 24 V / 1 A
- 6 V / 1 A

### Dimensions

- 148 x 110 x 25 mm

### 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

Visit [www.prbx.com](http://www.prbx.com)