

P R
B X

POWERBOX
VP230/232 Series



Power supply unit for high end microscopes

The key features of this solution are the elaborate casing and the highly stable output voltages that our client demanded for microscope lighting without even the slightest oscillation. The main challenge we faced was producing this high-end solution at a competitive price in order to outbid a global player.



Features

- Active Power Factor Correction (PFC)
- Wide input range (100–240 VAC)
- High efficiency (> 82 %)
- One individually adjustable output (0 –12 VDC)
- Convection cooling
- Thermal protection
- CE marketing acc. EMI and LVD directive
- Safety acc. EN 60950 standard, CSA approved
- Remote ON/OFF
- IEC socket incl. switch
- Output adjustable by CAN Controller

Input

- 110 – 240 VAC

Output 180 W

- 0 –12 VDC, adj. / 9.2 A
- 24 VDC, fixed / 2.4 A

Dimensions

- 220 x 250 x 88 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

Visit www.prbx.com