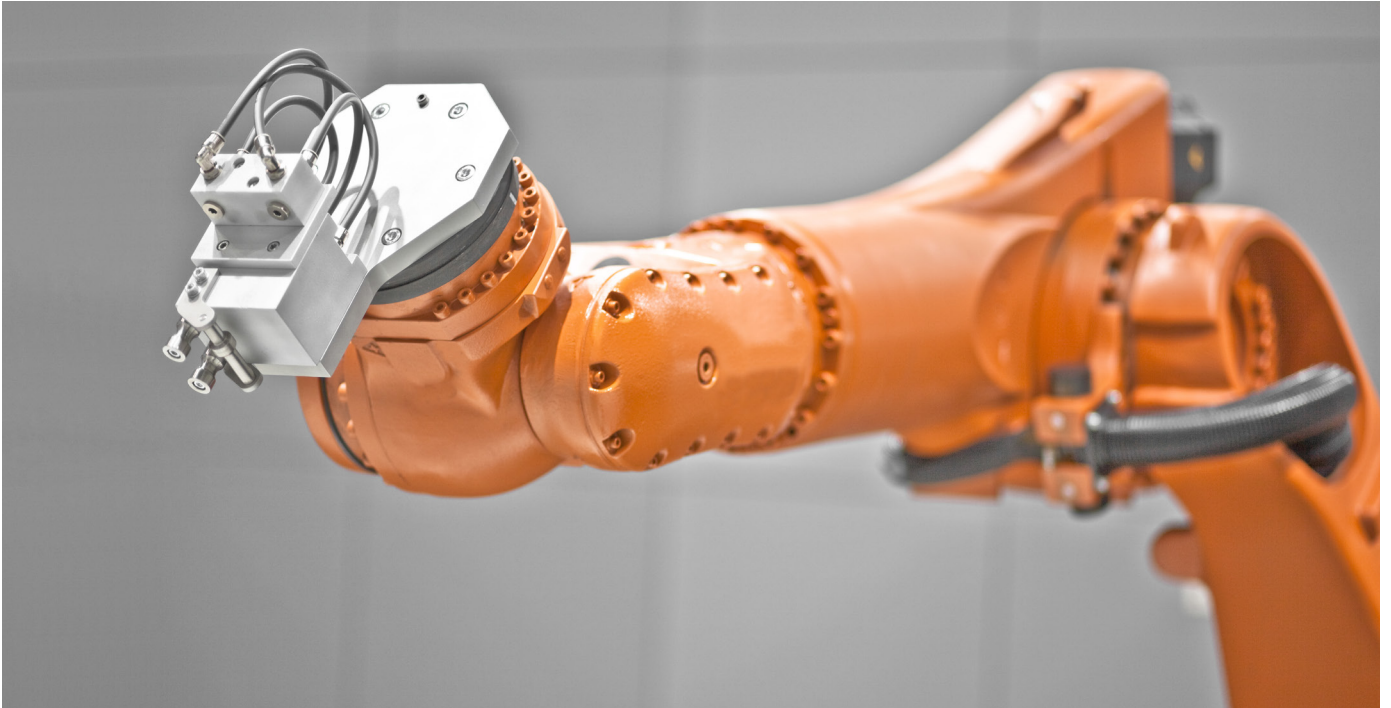


P R  
B X

POWERBOX  
VP1200 Series



## Power supply unit for chemical process control systems

The VP 1200 is used in a chemical process control system, which is why we equipped it with a double overvoltage protection (OVP). Thanks to its two converters, the power supply unit is highly efficient. Whenever the power output sinks below a defined value, one of the converters goes on standby until the power demand increases.



### Features

- Wide input range (93 – 253 VAC)
- Active Power Factor Correction (PFC)
- High efficiency (> 87 %), from 15 to 100 % load
- Build in blocking diodes
- Cooling by temperature controlled internal fan
- IEC input socket
- Safety acc. EN 60950 standard, UL 508 approved
- ATEX, IEC-EX approved
- Microprocessor based passive load sharing
- Microprocessor based thermal management
- Wall mounting cassette
- Temperature range from –40 °C to +70 °C
- Double Over Voltage Protection (OVP)

### Input

- 93 – 253 VAC

### Output 1200 W

- 25 VDC / 48 A, switchable to
- 28 VDC / 43 A

### Dimensions

- 90 x 140 x 408 mm (DxWxH)

### Option for output voltage

- 48 VDC, 60 VDC, 110 VDC, 120 VDC

### 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)