RACK POWER SUPPLY · DATASHEET

1U Rack Power Supply

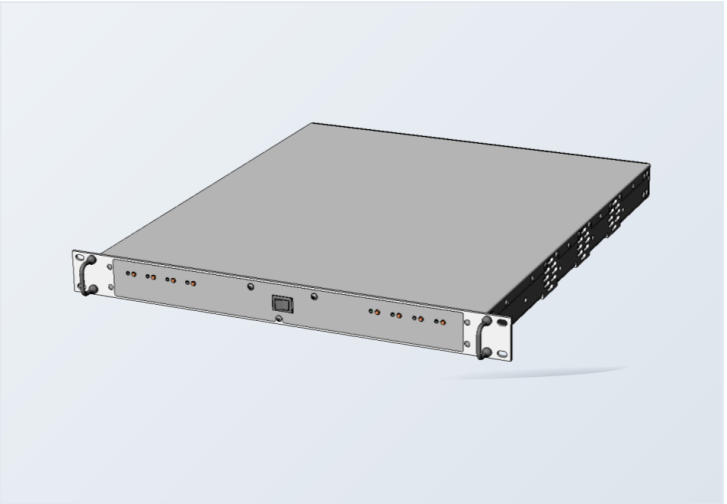
PSU-1U | CUSTOM DC OUTPUTS · 19″ 1U

BLUELEC
Part of JOT Automation

Bluelec 1U Rack Power Supply is a 19″ rack-mount AC/DC supply with DC outputs configured to customer requirements. A wide-range universal AC input and forced-convection cooling make it suitable for continuous operation in production and laboratory rack systems.

Front-panel interrupt buttons and indication LEDs provide local control and status, while inrush current control, overvoltage and overload protection, and foldback current limiting protect the supply and connected equipment.

Output voltages, currents and connector configuration are specified per order — contact sales@bluelec.com to configure a unit for your application.



MAIN FEATURES

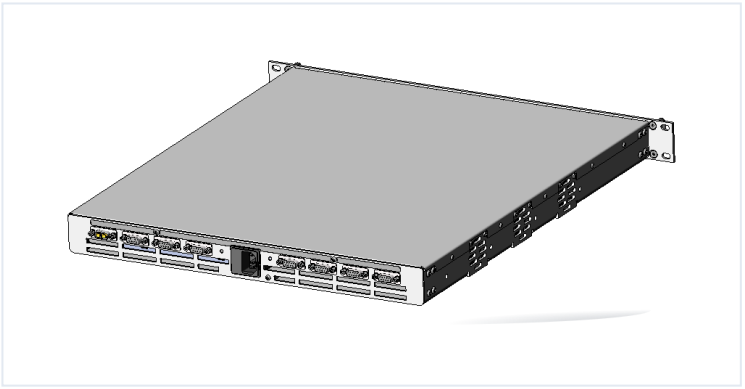
- DC outputs customised to customer requirements.
- Forced-convection cooling.
- Interrupt buttons and indication LEDs.
- Foldback current limiting.
- Wide-range universal AC input.
- Inrush current control.
- Overvoltage and overload protection.
- 19″ 1U rack enclosure.

CONFIGURATION

AC input	**Universal, wide range**
DC outputs	**Customer-specified**
Cooling	**Forced convection**
Inrush	**Current control**
Protection	**Overvoltage, overload**
Current limiting	**Foldback**
Form factor	**19″ 1U rack**

REAR PANEL

AC inlet · DC outputs



ENVIRONMENTAL

Operating temperature	**0 – 40 °C**
Storage temperature	**−20 … +70 °C**
Relative humidity	**15 – 95 % non-condensing**
Compliance	**RoHS**

3D CAD models available on request via **sales@bluelec.com**

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Specifications subject to change without notice.