

1U Rack Power Supply

PSU-1U | CUSTOM DC OUTPUTS · 19" 1U

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

■ REAR PANEL

AC inlet · DC outputs



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