

Power Supply NRPS-R50

DIVERSITY

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QUALITY

Nebb products are designed with quality in mind from the beginning. We always provide components from the world leading manufacturers.

SUPPORT

Nebb provides world-wide technical support by phone, e-mail and remote control. Quick dispatch of engineers when required.

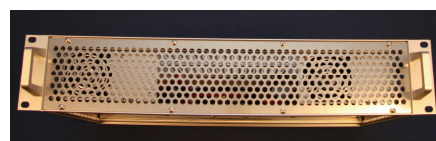
NEBB NORWAY

Solbråveien 41-47
N-1383 Asker
NORWAY

Tel. +47 66 90 83 00
E-mail sales@nebb.com



- Redundant 2x 600W 24VDC power supply.
- Perforated 2U 19" rack solution.



DESCRIPTION

Redundant 24 VDC power supply. Two 600W AC/DC converters providing 1200W power. If one input power fails or one of the AC/DC converters fail, the system provides 600W 24VDC uninterrupted.

Each power supply can be switched off by a power switch mounted at the rear.

Overcurrent protection

Overcurrent protection is built-in and comes into effect at over 101% of the peak current in. Overcurrent protection prevents the unit from short circuit and overcurrent condition.

The unit automatically recovers when the fault condition is cleared.

POWER SUPPLY CONFIGURATION

In	2x 100-240VAC (50/60Hz).
Out	2x 600W 24 VDC
Derating	80% @ 35 °C.
Inrush current (A)	40typ (I _o =100%) (More than 3sec. to re-start)

CONNECTOR SPECIFICATION

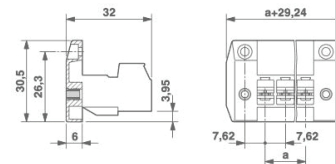
In	2x IEC C14
Out	5x 3 pin DFK-PC 4/ 3-GF-7,62

CHASSIS SPECIFICATION

Construction	Perforated metal rack enclosure
Rack size	19" 2U
Buttons	2x power switches (rear)
Color	Silver

EXTRA ADD-ONS

- **Environment monitoring module** (internal mount) with: Ethernet/SNMP, volt., current, temp., humidity, vibration.
- **Spare replacement internal PSU:** 24 VDC, 600W, size: 120 x 61 x 190 mm (W x H x D), weight 1.6 kg.



ENVIRONMENTAL SPECIFICATIONS

Weight	7.0 Kg (approximately)
Dimensions	300 x 431 x 88 (DxWxH) mm
Temperature	-10 °C - 70 °C (operating) -20 °C - 75 °C (storage)
Humidity	5% - 95% non condensing
Vibration	10 - 55Hz, 19.6m/s ² (2G), 3minutes period, 60minutes each along X, Y and Z axis.
Impact	196.1m/s ² (20G), 11ms, once each X, Y and Z axis

ORDERING INFORMATION

P/N	Description
NRPS-R50	Redundant 24V power supply.
NRPS-R50SGL	Spare 600W 24V internal PS.
NRPS-R50MON	Environment monitor. module.