

DNA-PSU

AC power supplies for Cube and RACKtangle chassis

- 100 to 240 VAC at 50/60 Hz universal operation
- Uses standard AC removable AC power cord (US/CA cord included)
- Includes direct power connector for chassis.
- Short circuit protected
- 24 VDC outputs
- Power On indicator LED
- Included with the purchase all Cube and RACKtangle I/O chassis.

10-Year
Availability
Guarantee



DNA-PSU-100 shown with standard North American AC power cable (included).

General Description

All UEI Cubes and RACKtangle chassis are designed to operation from 9-36 VDC power. To facilitate use in applications designed to run from AC power, each Cube/RACKtangle is shipped with a universal AC to DC power "brick". Each of these power supplies provides 24 VDC to the UEI chassis. There are currently three different versions available with different output power ratings. The version shipped with each chassis is based on the power required by the configuration as follows.

Part Number	Power	Ships with
DNA-PSU-60	60 W	100Base-T or 100 Base-FX Cubes (including DNA-PPCx, UEILogger, UEIPAC, UEISIM and UEIModbus...formerly known as DNA-PSU-24N)
DNA-PSU-100	100 W	6-slot RACKtangles and GigE Cubes (e.g. DNA-PPCx-1G, UEIPAC 300-1G, UEIPAC 600-1G, UEIPAC 600R, etc...formerly known as the DNA-PSU-24-100)
DNA-PSU-180	180 W	All 12 slot RACKtangles (e.g. DNR-12-1G, UEIPAC 1200R, UEISIM 1200R, etc...formerly known as the DNA-PSU-24-180)

All power supplies are short circuit protected and include a power on indicator LED. Internal circuitry temporarily (~500 mS) shuts down the power supply in an over-current condition. The power supply then attempts to turn on again. If the over current condition remains, it will continue cycling until the overload is removed.

The DNA-PSU-24 series power supplies use the universal 3-prong detachable AC power cord. Standard AC power cords are provided for US/North America, Germany, UK or Japan customers. The power brick also includes a permanently connected power cord designed to plug directly into the Molex power input connector on each chassis.

Technical Specifications:

DNA-PSU-60 (formerly known as DNA-PSU-24N)	
Input	100 - 240 VAC, 50 - 60 Hz
Output voltage	24 VDC
Output Current	2.4 A max (60 Watts, max)
Short Circuit Protected	Yes
Size	2.25" by 1.25" by 4.5"
AC cable length	~7 feet (detachable, US AC cable included)
DC cable length	~ 5 feet (hard-wired)
DNA-PSU-100 (formerly known as DNA-PSU-24-100)	
Input	100 - 240 VAC, 50 - 60 Hz
Output voltage	24 VDC
Output Current	4.16 A max (100 Watts, max)
Short Circuit Protected	Yes
Size	2.75" by 1.375" by 6.0"
AC cable length	~7 feet (detachable, US AC cable included)
DC cable length	~ 5 feet (hard-wired)
DNA-PSU-180 (formerly known as DNA-PSU-24-180)	
Input	100 - 240 VAC, 50 - 60 Hz
Output voltage	24 VDC
Output Current	7.5A max (180 Watts, max)
Short Circuit Protected	Yes
Size	3.25" by 1.25" by 6.625"
AC cable length	~7 feet (detachable, US AC cable included)
DC cable length	~ 3 feet (hard-wired)

Ordering Guide (One power supply is included with each Cube/RACKtangle)

Part Number	Description
DNA-PSU-60	60 Watt power supply UEI 100Base Cube I/O chassis (formerly known as the DNA-PSU-24N)
DNA-PSU-100	100 Watt power supply for UEI GigE Cube or six-slot RACKtangle I/O chassis (formerly known as the DNA-PSU-24-100)
DNA-PSU-180	180 Watt power supply for UEI 12-slot RACKtangle I/O chassis (formerly known as the DNA-PSU-24-180)