

# DDNP1501

Network Power Supply



## Specification Sheet

Accessories > Network Accessories



### Supplements DyNet network DC supply

The Dynalite DDNP1501 is a 15 VDC 1.5 A regulated power supply that supplements the DyNet network DC supply and provides a convenient RJ12 port for commissioning the Dynalite system.

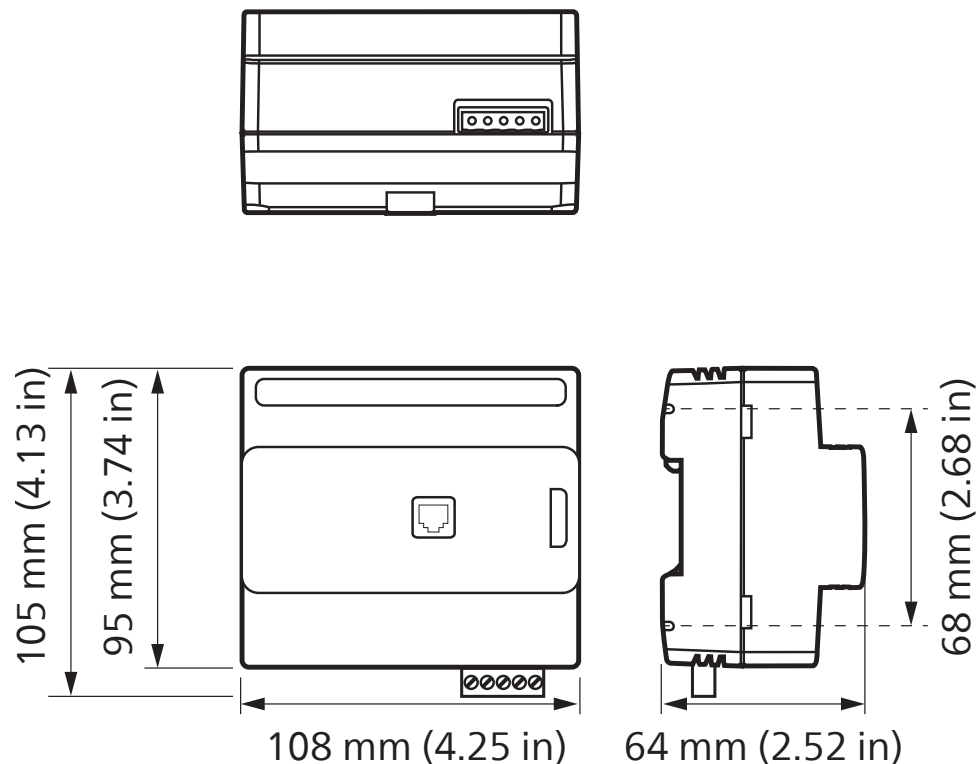
## Key Features

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- **No manual selection required** – The switch-mode design allows the device to be used with a range of input voltages.
- **Used when high-consumption devices are employed** – The DyNet network is self-powered via built-in DC supplies integrated within all mains-powered devices. Use of high-consumption devices, such as edge-lit touchscreens, may necessitate additional power.
- **Flexible mounting** – DIN rail mountable with circuit breaker profile for installation in all types of distribution board enclosures, including those with cover apertures specifically designed for circuit breakers.
- **Front-facing RJ12 port** – Provides a convenient connection point to the DyNet RS-485 bus for commissioning engineers using a laptop and PC node.

## Dimensions

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Specifications

Electrical	
Supply Type	Single-Phase
Supply Voltage	110-277 VAC
Supply Current	0.5 A
Output Voltage	15 VDC
Output Current	1.5 A (screw terminal) 0.1 A (RJ12 port)
Electrical Protection	Self-resetting overload protection Short circuit protection Automatic thermal shutdown
IEC Overvoltage Category	III

Control	
Communication Ports	1 x RS-485
Supported Protocols	DyNet
Indicators	1 x power LED

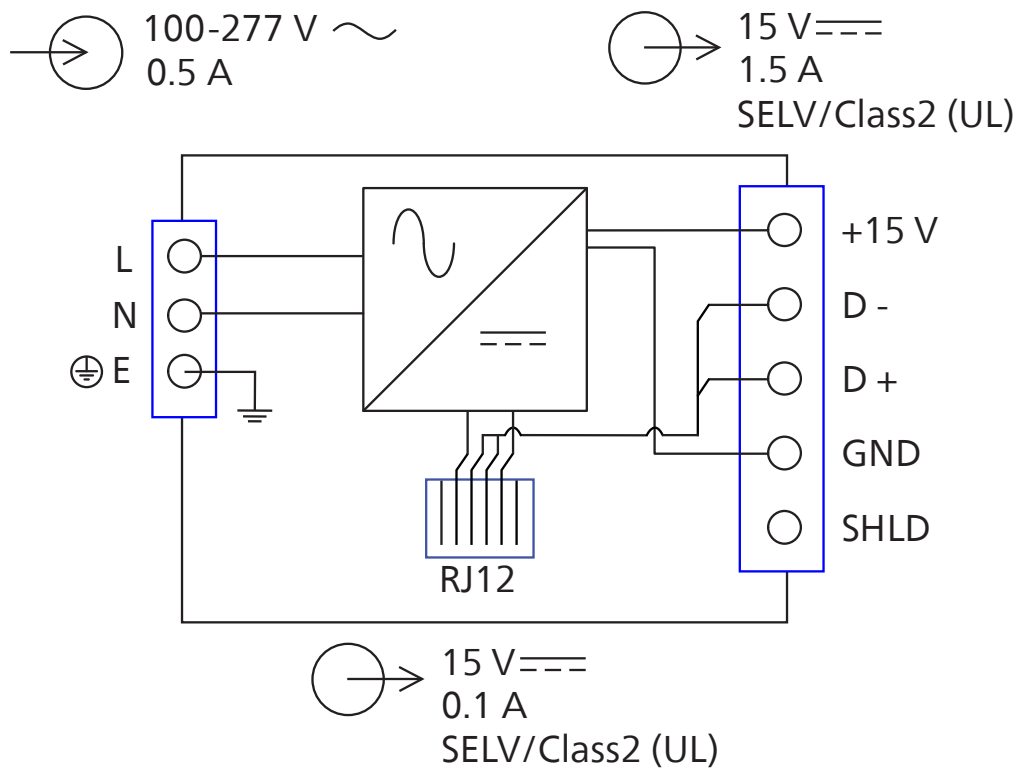
Physical	
Dimensions	95 x 108 x 64 mm (3.74 x 4.25 x 2.52 in)
Packed Weight	0.2 kg (0.44 lb)
Construction	Polycarbonate DIN rail enclosure (6 unit)
Communication Ports	1 x RJ12 1 x 5-way pluggable screw terminal
Communication Terminal Conductor Size	0.3-2.5 mm² (#22-12 AWG)
Supply Terminals	3 x screw terminal
Supply Terminal Conductor Size	≤ 5 mm² (#10+ AWG)

Environment	
Operating Temperature	0° to 50°C ambient (32° to 122°F)
Storage/Transport Temperature	-25° to 60°C ambient (-13° to 140°F)
Relative Humidity	≤90% non-condensing
IEC Pollution Degree	II
Installation Note	For indoor installation only

Compliance	
Certifications	CE, RCM, UL/cUL, FCC, UKCA, ISED
Sustainability	RoHS



Electrical Drawing



Ordering Codes

Product	12NC
DDNP1501	913703130509