

48Vdc, 1.35Amp Wall-Mount Power Supply Model PS01 Rev 02

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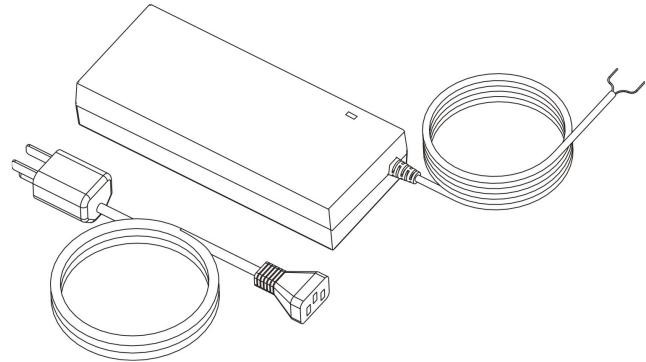


Figure 1. PS01

1. GENERAL

1.1 The NAC PS01 is a 120Vac power supply that is designed to be used in applications where -48Vdc, 1.35A (65W) power is required. This product is ideal for use with the NAC WM02, WM04 and WM08 series mountings or equipment with screw terminals for power connections. The PS01 has a 7-foot 120Vac power cord with a standard 3-prong NEMA 5-15P 120Vac plug and a 5-foot -48Vdc power output cord with tinned stripped wire leads for easy connections to screw terminals.

1.2 Whenever this product or document is changed, it will be reflected in this paragraph.

- Removed earth ground wire lead

1.3 The PS01 provides the following features and capabilities:

- Impact resistant polycarbonate design
- 7-foot 120Vac 10A SVT power cord with a standard NEMA 5-15P prong 120Vac power plug and C13 120Vac receptacle.
- 5-foot DC power outlet cord with tinned stripped DC power and return leads for easy connections to screw terminals.
- Safety Compliance, ETL60950 and ETL62368.
- EMC Compliance FCC Part 15 Class B.

2. INSTALLATION

2.1 The PS01 is designed to be used with equipment where -48 volts power input is required. The PS01 is ideal for use with the NAC WM02, WM04 and WM08 series mountings and can typically power up T1/HDSL modules or any other communication equipment.

2.2 Wiring Connections The PS01 is powered from a standard 120Vac 15Amp receptacle using the standard plug.

The output of -48Vdc is connected to the appropriate screw terminals on equipment following the table 1 below.

Wire Color	Output
Red	-V (-48Vdc)
Black	+V (-48Vdc Return)

2.3 The following warning information is required by the UL Safety Testing Laboratory:

- A.** Never install telephone wiring during a lightning storm.
- B.** Never install telephone jacks in wet locations unless the jack is specifically designed for wet locations.
- C.** Use caution when installing or modifying telephone lines.
- D.** Never touch un-insulated telephone wires or terminals unless disconnected at the network interface.

3. CUSTOMER SERVICE

If technical or customer assistance is required, please contact NAC at the following address or phone number:

N A Communications, LLC
3820 Ohio Ave. Suite 12
St. Charles, Illinois 60174
Voice: (630) 513-1299
www.gotonac.com

4. WARRANTY

4.1 Warranty

NAC warrants this product for the period specified by the terms governing the sale of the product. Any attempt to repair or modify the equipment by anyone other than an authorized NAC representative will void the warranty.

This limited warranty does not cover any losses or damages resulting from shipment to or from the customer, or from improper installation, abuse, modifications, or unauthorized repair by other than NAC personnel.

5. SPECIFICATIONS

5.1 Physical Specifications

Feature	U.S.	Metric
Weight (approx.)	1.25 pounds	570 g
Height	1.4 Inches	3.6 cm
Width	2.0 Inches	5.1 cm
Length	4.5 Inches	11.5 cm

5.2 Environmental Specifications

Feature	U.S.	Metric
Operating Temperature	0° to 104°F	-17° to 40°C
Humidity	0 to 95% (non-condensing)	

6. ORDERING

Product Description	Order Number
120Vac AC adapter -48Vdc 1.35A	PS01