

# PNP 9000

## 90 VAC Non-Standby Power Supplies



### PNP 9000 Series

The PNP 9000 Series 90 VAC Non-Standby Power Supplies are designed for powering needs in Two-Way Cable Television and Broadband Telecommunication Networks.

The power supply, which consists of a Constant Voltage Ferroresonant Transformer and a pole/wall mount aluminized steel enclosure, provides the field-selectable 60 or 90 VAC RMS quasi-square wave output with surge protection, overload protection, foldback current limited, short circuit protection, and Time Delay Relay Interface options available.

### Standard Features

- Constant voltage ferroresonant transformer design provides regulated, and conditioned 60 or 90 VAC quasi-square wave output selectable.
- 90% High efficiency and  $\pm 3\%$  regulation at full load.
- MOV (Metal Oxide Varistor) input surge protection.
- Thermal circuit breaker overload protection.
- Ferroresonant foldback limited to protect amplifier module.
- Long-standing short circuit protected and automatic restart upon short or overload is removed.
- Time delay relay interface options available.
- Auxiliary AC convenience outlet.
- Auxiliary inlet for emergency generator power supply.
- Status indicator on bottom of housing.
- Enclosure security lock and ground clamp included.
- Lightweight heavy-duty aluminized steel enclosure and gray epoxy powder coat finish, durable and weatherproof design ideal for use in the harshest of environment.
- All external fasteners stainless steel.
- Pole and wall mount configuration easy to install and maintain.

## Nominal Specifications

Model Number	Input Voltage	AC Line Frequency	AC Output Voltage & Power (RMS)		Output Current	Weight lbs. (kgs.)
PNP 9006A	110 ± 15 VAC	60 Hz (Nominal)	87 VAC, 540 VA	63 VAC, 360 VA	6 Amps	29,1 (13,2)
PNP 9009A			87 VAC, 810 VA	63 VAC, 540 VA	9 Amps	35,9 (16,3)
PNP 9012A			87 VAC, 1080 VA	63 VAC, 720 VA	12 Amps	42,8 (19,4)
PNP 9015A			87 VAC, 1350 VA	63 VAC, 900 VA	15 Amps	49,6 (22,5)
PNP 9006E	220 ± 25 VAC	50 Hz (Nominal)	87 VAC, 540 VA	63 VAC, 360 VA	6 Amps	33,1 (15,0)
PNP 9009E			87 VAC, 810 VA	63 VAC, 540 VA	9 Amps	39,9 (18,1)
PNP 9012E			87 VAC, 1080 VA	63 VAC, 720 VA	12 Amps	46,8 (21,2)
PNP 9015E			87 VAC, 1350 VA	63 VAC, 900 VA	15 Amps	53,6 (24,3)
PNP 9006P	220 ± 25 VAC	60 Hz (Nominal)	87 VAC, 540 VA	63 VAC, 360 VA	6 Amps	30,0 (13,6)
PNP 9009P			87 VAC, 810 VA	63 VAC, 540 VA	9 Amps	36,8 (16,7)
PNP 9012P			87 VAC, 1080 VA	63 VAC, 720 VA	12 Amps	43,7 (19,8)
PNP 9015P			87 VAC, 1350 VA	63 VAC, 900 VA	15 Amps	45,5 (22,9)

## General Specifications

<b>Transformer Type</b> Constant Voltage Ferroresonant	<b>Time Delay Relay</b> 10 Seconds Typical (Options)
<b>Output Wave Form</b> Quasi-Square Wave	<b>Status Indicators</b> AC Input Normal (Orange)
<b>Regulation</b> ±3%	<b>Accessories</b> AC Convenience Outlet, Auxiliary Inlet & Ground Clamp
<b>Efficiency</b> 90% Typical	<b>Mounting Style</b> Pole or Wall Mount
<b>Surge Protection</b> 57 or 107 Joule MOV Standard	<b>Temperature Range</b> -40°F to +140°F (-40°C to +60°C)
<b>Overload Protection</b> 5, 10 or 15 Amps Thermal Circuit Breaker	<b>Relative Humidity</b> 0 ~ 95% (Non-Immersible)
<b>Foldback Limited</b> 150% of Full Load Typical	<b>Dimensions</b> 7,8"W x 13,5"H x 8,5"D (197mm W x 343mm H x 215mm D)

## Field-Selectable Output



Specifications subject to change without notice.



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