



Power Supplies

OVERVIEW

ION offers a variety of power supplies for its products.

The power supplies include:

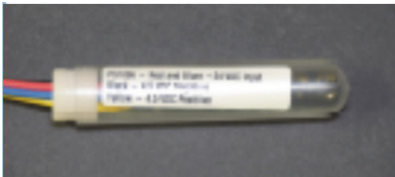
- 120 VAC Wall Plug
- 24 VAC Low Voltage Power Supply
- 120/240 VAC Junction Box
- 120/240 VAC Transformer

The various power supplies provide complete flexibility and customization for each application based on the existing electrical configuration and distance requirements. Suitable for new or retrofit projects.

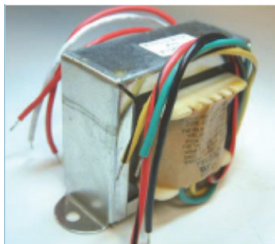
Wall Plug Power Supply



P1006



24V Transformer Power Supply



FEATURES

Four High Voltage (120VAC/240 V AC) to DC voltage Power Supplies

North American Wall Plug adapter—Input 120/240 AC to DC voltage

PS1001

Up to 6 watts power, efficiency level V
Compact size (H 1.65", L2.45", W 1.055"), UL safety approvals
Single output 9 volt DC, output connection female plug
Over voltage and short circuit protection
Operating temperature -10 to 70 degrees C

PS1003

Up to 6 watts power, efficiency level V
Compact size, (H 1.65", L2.45", W 1.055"), UL safety approvals
Single output 4.5 volt DC, output connection female plug
Over voltage and short circuit protection
Operating temperature -10 to 70 degrees C

Terminal block connection Power supply—Input 120/240 AC to DC voltage

PS1000

Up to 5.5 watts power, efficiency 78%
Encapsulated compact size, (H 0.993", L 2.992", W 1.24"), UL safety approvals
Single output 12 volt DC, output connection two terminal connections
Over voltage, over temperature, and short circuit protection
Operating temperature -10 to 70 degrees C

Junction box Power supply—Input 120/240 AC to DC voltage

PS1008

Up to 15.6 watts power, efficiency 81%
Compact size, (H 2.0", L 6.0", W 4.0"), UL safety approvals
Single output 12 volt DC output connection two terminal connections
Over voltage, over temperature, and short circuit protection
Operating temperature -10 to 70 degrees C

Two High Voltage (120VAC/240 VAC) to Low Voltage 24 VAC Transformer

Plug in Transformer—Input 120/240 AC to 24 Volt AC

PS1005

Compact size, (H 3.35", L 1.88", W 2.50"), UL safety approvals
Single output 24 volt AC, 0.8 amp (20 A)
Output connection two terminal connections
Operating temperature 0 to 50 degrees C

One High Voltage (120VAC/240 VAC) to Low Voltage AC Transformer

Transformer—Input 120/240 AC to 24 Volt AC

PS1009—Stand Alone

Compact size, (H 1.437", L 2.375", W 1.437"), UL safety approvals
Single output 24 volt AC, 0.25 amps (5 VA)
Output connection two 20 AWG wire nuts
Operating temperature -10 to 70 degrees C

PS1010—Wall Mount

Compact size, (H 1.437", L 2.375", W 1.437"), UL safety approvals
Single output 24 volt AC, 0.25 amps (5 VA)
Output connection two 20 AWG wire nuts
Operating temperature -10 to 70 degrees C

Two Low Voltage (24 VAC) to DC Power Supplies

PS1006

Compact size, (H 0.6", L 4.25", W 0.6")
Wide input voltage range 16-36 VAC
Single output 4 volt DC output connection two 20 AWG wire nuts
Operating temperature -10 to 70 degrees C

PS1007

Compact size (H 0.6", L 4.25", W 0.6"),
Wide input voltage range 16-36 VAC
Single output 12 volt DC output connection two 20 AWG wire nuts
Operating temperature -10 to 70 degrees C



Power Supplies

Ordering Information

TECHNICAL SPECIFICATIONS

Wall Plug

Electrical

- Voltage input 100-132 volts AC 50/60 Hz
- Voltage output 4.5 volts DC
- PS1001 voltage output 9 volts DC at 0.67 amp
- PS1003 voltage output 9 volts DC at 0.67 amp

Physical

- Color black
- Weight/shipping weight <8 oz/1.0 lbs

Warranty

Two Years

24V Transformer

Electrical

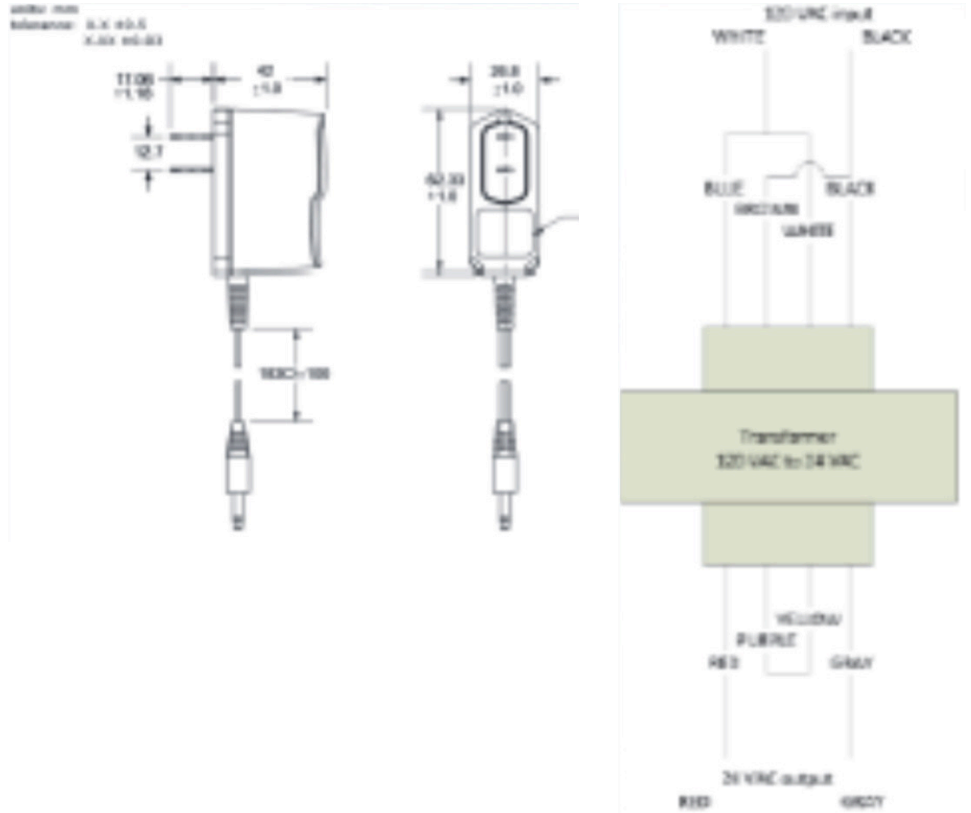
- Voltage input 110-240 volts AC 50/60 Hz
- Voltage output 24 volts AC at 0.25 amps (5 VA)

Physical

- (H x W x D) 1.437 x 2.375 x 1.437 inches
- Color gray
- Weight/shipping weight <8 oz/1.0 lbs

Warranty

Two Years



ORDERING INFORMATION 9/2015

Model	Description
PS1000	Terminal block—120/240 VAC to 12 VDC, 0.42 amp
PS1001	Wall plug—120/240 VAC to 9 VDC, 0.67 amp
PS1003	Wall plug—120/240 VAC to 4.5 VDC, 0.67 amp
PS1005	Wall plug—120/240 VAC to 24 VAC 0.8 amp
PS1006	Low Voltage—24 VAC to 4.0 VDC, 250 ma
PS1007	Low Voltage—24 VAC to 12 VDC, 240 ma
PS1008-5	Junction box—120/240 VAC to 5 volts
PS1008-12	Junction box—120/240 VAC to 12 VDC
PS1009	Transformer & housing—120/240 VAC to 24 VAC
PS1009-T	Transformer—120/240 VAC to 24 VAC
PS1010	Transformer—120/240 VAC to 24 VAC