

Manual de utilizare

Sursa de tensiune 12V in comutatie  
**PNI PS10A / PNI PS20A**  
pentru sisteme de supraveghere




## Caracteristici:

- Tensiune de iesire constanta
- Dimensiuni si greutate reduse
- Gama larga de tensiuni de intrare: AC 110~220V ± 15%
- Protectie la scurtcircuit si supraincalzire
- Carcasa din metal inoxidabil
- Protectie la supraincarcare: reduceti incarcarea daca observati opriri si porniri succesive ale sursei
- Protectie la supratensiune: verificati daca tensiunea de intrare se incadreaza in parametri

## Precautii:

- Nu utilizati sursa de tensiune in medii cu temperaturi ridicate
- Nu instalati sursa de tensiune pe suprafete inflamabile sau plastic
- Tineti sursa de tensiune departe de surse de gaz sau fum

## Instalare:

- Conexiunile se realizeaza conform terminalelor de pe sursa:
  - AC : intrare tensiune AC 110~220V ± 15%
  -  : conexiune impamantare
  - Output +/- : iesire tensiune 12V
- Asigurati stabilitatea conexiunilor si respectarea polaritatii
- Utilizati un aparat de masura pentru a verifica tensiunea de intrare inainte de a porni sursa de tensiune
- Montati sursa in pozitie verticala intr-un loc stabil

## Specificatii tehnice:

Model	PS10A	PS20A
Tensiune de intrare	AC 110~220V ± 15%	
Frecventa intrare	47-63Hz	
Tensiune de iesire	12V	
Curent de iesire	10A	20A
Putere de iesire	120W	240W
Protectie la supraincarcare	De la 105% la 150% recuperare automata	
Protectie la supratensiune	Maxim 250V	
Temperatura de functionare	-20°C - 60°C 20%-90% umiditate	
Temperatura de depozitare	-40°C - 85°C 10%-95% umiditate	
Nivel deasupra marii	≤ 2000m	
Dimensiuni	199x98x42 mm	200x112x50mm
Greutate	0.49 kg	0.63 kg

User manual

12 V power supply  
**PNI PS10A / PNI PS20A**  
for CCTV systems




## Features:

- Constant output voltage
- Light and small sized
- Wide range of input voltage: AC 110~220V $\pm$ 15%
- Protection: short circuit and overheating
- Stainless metal case
- Overload protection: reduce the load if the power source stops and starts alternately.
- Overvoltage protection: verify the input voltage

## Precautions:

- Do not use the power source in high temperatures
- Do not install the power source on pe suprafete inflammable materials or plastic
- Keep the power source away from smoke or gas sources

## Installation:

- The connections are made according to the power supply output terminals:
  - AC : input voltage AC 110~220V $\pm$ 15%
  -  : ground connection
  - Output +/- : output voltage 12V
- Make sure the connections are stable and the polarity was respected
- Use a multimeter to check if input is identical to working voltage before switching on
- Mount vertically and steadily

## Technical specifications:

Model	PS10A	PS20A
Input	AC 110~220V $\pm$ 15%	
Input frequency	47-63Hz	
Output voltage	12V	
Output current	10A	20A
Output power	120W	240W
Overload protection	From 105% to 150% automatic recovery	
Overvoltage protection	Max 250V	
Operating temperature	-20°C - 60°C 20%-90% humidity	
Storage temperature	-40°C - 85°C 10%-95% humidity	
Above sea level	$\leq$ 2000m	
Dimensions	199x98x42 mm	200x112x50mm
Wheight	0.49 kg	0.63 kg