



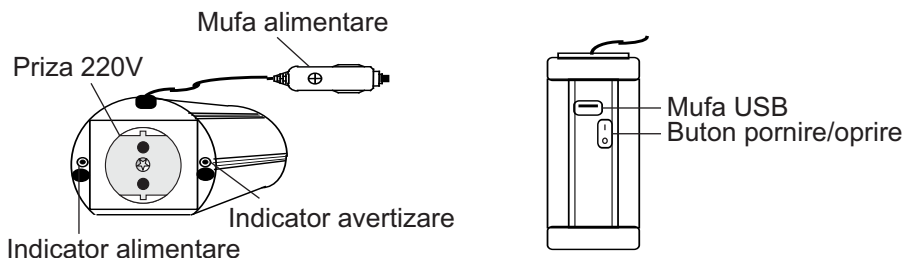
Invertorul de tensiune poate fi utilizat pentru alimentarea electronicelor de dimensiuni mici si medii, de exemplu laptop, radio, mini TV, etc.

- Utilizati intotdeauna invertorul intr-un mediu bine ventilat
- Feriti dispozitivul de lumina directa a soarelui, apa, umezeala, ulei, grasimi sau substante inflamabile
- Nu lasati dispozitivul la indemana copiilor
- Nu utilizati dispozitivul pentru alimentarea lampilor fluorescente



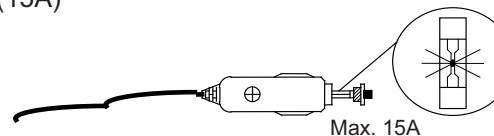
- Tensiune intrare : 10~15V DC
- Consum: <0.3A in standby / 15A la incarcare maxima
- Iesire USB: 5V / 2.1A
- Tensiune iesire: 220~240V
- Tip semnal iesire: sinusoida modificata
- Frecventa semnal iesire: 50 Hz
- Putere iesire: 150W continuu / 450W pt. scurt timp
- Eficienta: 85~90%
- Avertizare baterie auto descarcata: $11 \pm 0.5V$
- Inchidere automata la baterie auto descarcata: $10 \pm 0.5V$ (dupa 6 sec)
- Protectie supraincalzire: $60 \pm 5^{\circ}C$
- Protectie supraincarcare: Da
- Protectie la scurtcircuit: Da
- Protectie tensiune de intrare prea mare: Da
- Protectie inversare polaritate: Da, cu siguranta fuzibila
- Siguranta fuzibila: 1x15A
- Cablu: 55 cm lungime
- Dimensiuni: 175 x 71 x 65 mm
- Greutate: 450 g

Descriere produs



Daca vi se pare ca inverterul nu functioneaza corespunzator verificati urmatoarele cauze posibile:

- invertorul nu porneste
 - verificati daca mufa de alimentare intra corect in bricheta auto
 - verificati siguranta din mufa de alimentare; daca este arsa inlocuiti-o cu una de aceeaasi valoare (15A)



- verificati cablul de alimentare, sa nu fie intrerupt
- puterea de iesire este redusa:
 - invertorul este supraincarcat: reduceti numarul echipamentelor conectate
 - invertorul este supraincalzit: reduceti numarul echipamentelor conectate sau inchideti invertorul si asteptati sa se raceasca

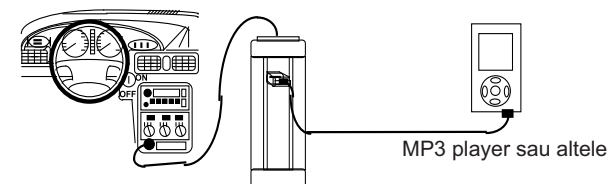


- inverterul s-a inchis dintr-o data
 - verificati bateria auto, s-ar putea sa fie descarcata; porniti motorul pentru a reincarca bateria, apoi utilizati inverterul

Instrucțiuni de utilizare:

Pentru alimentarea unui echipament electronic prin inverter procedati in felul urmatoar:

1. Conectati mufa de alimentare a invertorului la bricheta auto
2. Porniti invertorul de la butonul de pornire/oprire
3. Conectati echipamentul electronic la priza de 220V sau mufa USB
4. Porniti echipamentul electronic



Semnale avertizare (LED rosu):

Baterie auto descarcata: ●●●● ●●●● ●●●●
 Inchidere automata la baterie descarcata: ●●●● ●●●● ●●●●
 Supraincarcare: ●●●● ●●●● ●●●●
 Inchidere automata din cauza supraincarcarii: ● constant
 Supraincalzire: ●● ●●●● ●●●● ●●●●
 Inchidere automata la supraincalzire: ●●●● ●●●● ●●●● ●●●●
 Tensiune de intrare prea mare: ●●●●●● ●●●●●●



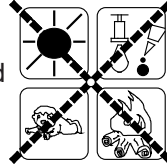
PNI 150W Power inverter User manual

Please read this manual carefully before using the device .

The inverter can be used to power small and medium size electronics, like a laptop, radio, mini TV, etc .

Attention:

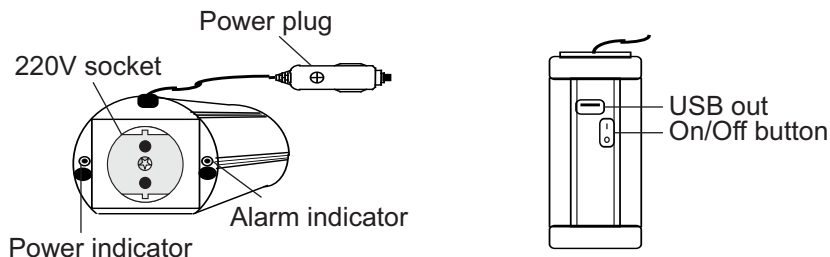
- Use the inverter only in well ventilated environments
- Keep the device away from direct sunlight, water, moist, oil, grease and flammable substances
- Keep the device away from children
- Do not use the device to power fluorescent lamps



Technical specifications:

- Input voltage : 10~15V DC
- Current drain: <0.3A in standby / 15A with full load
- USB output: 5V / 2.1A
- Output voltage: 220~240V
- Output signal type: modified sine wave
- Output frequency: 50 Hz
- Output power: 150W continuous / 450W peak
- Efficiency : 85~90%
- Battery low pre-alarm: $11 \pm 0.5V$
- Battery low auto shutdown: $10 \pm 0.5V$ (after 6 sec)
- Overheating protection: $60 \pm 5^{\circ}C$
- Overload protection: Yes
- Short circuit protection: Yes
- High input voltage protection: Da
- Battery polarity protection: Yes, by fuse
- Fuse: 1x15A
- Cable: 55 cm length
- Size: 175 x 71 x 65 mm
- Weight: 450 g

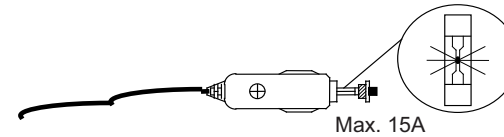
Device description



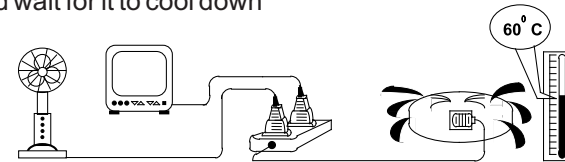
Troubleshooting:

If the inverter doesn't work properly check the following possible causes:

- the device doesn't start
 - check if the power plug is connected correctly in the lighter plug of the vehicle
 - check the fuse in the power plug; if it is blown please change it with a similar one (15A)



- check the power cable to be continuous
- reduced output power:
 - the inverter is overloaded: reduce the number of connected electronics
 - the inverter is overheated: reduce the number of connected electronics or turn off the device and wait for it to cool down

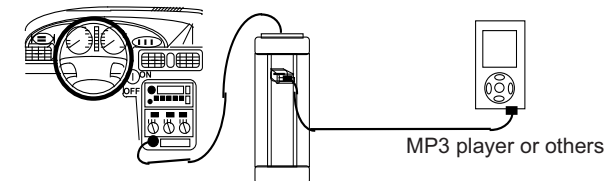


- inverter auto shutdown
 - check the vehicle's battery, it might be discharged; turn on the ignition to recharge the battery then use the inverter again

Basic operation:

Follow the steps below to power an electronic device through the inverter:

1. Connect the power plug of the inverter in the lighter plug of the vehicle
2. Turn on the inverter
3. Connect the electronic device to the 220V socket or USB port
4. Turn on the electronic device



Alarm signals (red LED):

- Battery low pre-alarm: ●●●●●●●●
- Battery low auto shutdown: ●●●●●●●●
- Overload: ●●●●●●●●
- Overload auto shutdown: constant ●
- Overheating: ●●●●●●●●
- Overheating auto shutdown: ●●●●●●●●
- High input voltage: ●●●●●●●●