



E 150

PROFESSIONAL SERIES

Thank you for the purchase of a Tundra International product!

In order to get the most out of your inverter, it must be installed and used properly. Please thoroughly read this manual before installing and using your new inverter.

It is important to pay special attention to the “WARNING” statements in this manual as well as on the inverter.

How to use your new inverter

If you want to use the current from your inverter, put the specially designed plug in the cigarette lighter socket and turn on the inverter. A green light will turn on and the inverter will be ready to deliver 120 volts power.

WARNING: It is extremely inadvisable to increase the amperage of the car fuse; this would overheat the car’s wires and may cause fire.

Specifications

DC Input voltage	12 volts
AC Output voltage	120 volts
Output sine wave	Modified
Frequency	60 Hz
Output power	150 watts
Low voltage alarm	10 volts
Low voltage shut down	9.5 volts
High temp. shut down	55oC ±5%

Maintenance

Be sure to disconnect the inverter from the lighter plug before cleaning, and use only a dry cloth to do so.

WARNING! The inverter must never be exposed to water or humidity.

Placement and storage

Place the inverter in a dry and cool environment and avoid putting it under the sunshine or near a heat source. Do not place it near any flammable or easy melting materials.



WARNING!

- Do not use if the power source is not 12 volts.
- When you stop using the inverter, be sure to pull out the plug.
- Because the temperature of the metal pieces of the inverter might be high, do not place it near any flammable or easy melting materials.
- The voltage protection system will automatically shut off the inverter if the input voltage is too low. Start your car engine to charge the battery, or stop using the inverter.
- Be sure your inverter is OFF when starting the vehicle engine.
- If the consumption power is over the inverter capacity, the over load protection system will automatically shut off the inverter. If the inverter doesn’t come ON again by himself, to turn it on again, decrease the consumption and turn the switch to OFF position and then to ON.
- The modified sine wave produced by the inverter may cause some buzzing and lines on audio and video equipment.
- We strongly recommend using a Pure Sine Wave inverter for all of your electronic sensitive equipments.

- Stop using the inverter if the power cord/plug has been damaged or loosen. Have it repaired before using it again.
- Do not insert any object in the inverter; it may cause fire, electric shock or short circuit.
- If there is any abnormal noise, smell or smoke, turn off immediately the inverter and contact your retailer.
- Do not allow water drip or splash on the inverter. Do not touch the case or the power cord with wet hands.
- Do not attempt any reparation or modification; it may cause electric shock or fire. When needed, contact your retailer.
- If the inverter has been exposed to rain, moisture, or strong impact, have it inspected by a qualified technician before use.

TUNDRA INTERNATIONAL INC.



E 350

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How to use your new inverter

If you want to use the current from the cigarette lighter, use the cables included with the inverter and fix each end solidly on the inverter, put the specially designed plug in the cigarette lighter socket and turn on the inverter. A green light will turn on and the inverter will be ready to deliver 120 volts power. We do not recommend using the cigarette lighter plug if you plan to need more than 240 watts; this could burn the protective fuse in the dashboard.

WARNING! It is extremely inadvisable to increase the amperage of the car fuse; this would overheat the car's wires and may cause fire.

If you want to plug your inverter directly on the car's battery, use the cables included with the inverter and fix each end solidly on the inverter and the battery. Without tightening them too much, the terminals must not be able to move around. The cables must go from the positive terminal of the inverter to the positive terminal of the battery, and from the negative terminal of the inverter to the negative terminal of the battery.

It is also possible to install the inverter permanently into your vehicle by using AWG #8 cables (3 meters max.) and a 30A fuse mounted as close as possible to the battery. Only a qualified technician must perform this procedure.

Before using the inverter, make sure that the total amount of current asked will not exceed the capacity of the inverter (350 watts).

WARNING! Reversing the polarity when connecting the DC cables will permanently damage your inverter. THIS IS NOT COVERED BY THE WARRANTY.

Specifications

DC Input voltage	12 volts
AC Output voltage	120 volts
Output sine wave	Modified
Frequency	60 Hz
Output power	350 watts
Low voltage alarm	10 volts
Low voltage shut down	9.5 volts
High temp. shut down	55°C ±5%

Maintenance

Be sure to disconnect the inverter from the 12 volts source before cleaning, and use only a dry cloth to do so.

WARNING! The inverter must never be exposed to any liquids or humidity.

Placement and storage

Place the inverter in a dry and cool environment and avoid putting it under the sunshine or near a heat source. Do not place it near any flammable or easy melting materials.



WARNING!

- Do not use if the power source is not 12 volts.
- When you stop using the inverter, be sure to pull out the plug.
- Because the temperature of the metal pieces of the inverter might be high, do not place it near any flammable or easy melting materials.

- The voltage protection system will automatically shut off the inverter if the input voltage is too low. Start your car engine to charge the battery, or stop using the inverter.
- Be sure your inverter is OFF when starting the vehicle engine.
- If the consumption power is over the inverter capacity, the over load protection system will automatically shut off the inverter. If the inverter doesn't come ON again by itself, decrease the consumption and turn the switch to OFF position and then to ON.
- The modified sine wave produced by the inverter may cause some buzzing and lines on audio and video equipment.
- We strongly recommend using a Pure Sine Wave inverter for all of your sensitive electronic equipments.
- Stop using the inverter if the power cord/plug has been damaged or loosen. Have it repaired before using it again.
- Do not insert any object in the inverter; it may cause fire, electric shock or short circuit.
- If there is any abnormal noise, smell or smoke, turn off immediately the inverter and contact your retailer.
- Do not place any heavy object on the inverter or the power cord.
- Do not allow water drip or splash on the inverter. Do not touch the case or the power cord with wet hands.
- Do not attempt any reparation or modification; it may cause electric shock or fire. When needed, contact your retailer.
- If the inverter has been exposed to rain, moisture, or strong impact, have it inspected by a qualified technician before use.

TUNDRA INTERNATIONAL INC.



E 600

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It is important to pay special attention to the "WARNING" statements in this manual as well as on the inverter.

How to use your new inverter

If you want to plug your inverter directly on the car's battery, use the cables included with the inverter and fix each end solidly on the inverter and the battery. Without tightening them too much, the terminals must not be able to move around. The cables must go from the positive terminal of the inverter to the positive terminal of the battery, and from the negative terminal of the inverter to the negative terminal of the battery.

It is also possible to install the inverter permanently into your vehicle by using AWG #6 cables (3 meters max.) and a 60A fuse mounted as close as possible to the battery. Only a qualified technician must perform this procedure.

Before using the inverter, make sure that the total amount of current asked will not exceed the capacity of the inverter (600 watts).

WARNING! Reversing the polarity when connecting the DC cables will permanently damage your inverter. THIS IS NOT COVERED BY THE WARRANTY.

Specifications

DC Input voltage	12 volts
AC Output voltage	120 volts
Output sine wave	Modified
Frequency	60 Hz
Output power	600 watts
Low voltage alarm	10.5 volts
Low voltage shut down	10 volts
High temp. shut down	55oC ±5%

Maintenance

Be sure to disconnect the inverter from the battery or the lighter plug before cleaning, and use only a dry cloth to do so.

WARNING! The inverter must never be exposed to water or humidity.

Placement and storage

Place the inverter in a dry and cool environment and avoid putting it under the sunshine or near a heat source. Do not place it near any flammable or easy melting materials.



WARNING!

- Do not use if the power source is not 12 volts.
- When you stop using the inverter, be sure to pull out the plug.
- Because the temperature of the metal pieces of the inverter might be high, do not place it near any flammable or easy melting materials.
- The voltage protection system will automatically shut off the inverter if the input voltage is too low. Start your car engine to charge the battery, or stop using the inverter.
- Be sure your inverter is OFF when starting the vehicle engine.

- If the consumption power is over the inverter capacity, the over load protection system will automatically shut off the inverter. If the inverter doesn't come ON again by himself, to turn it on again, decrease the consumption and turn the switch to OFF position and then to ON.
- The modified sine wave produced by the inverter may cause some buzzing and lines on audio and video equipment.
- We strongly recommend using a Pure Sine Wave inverter for all of your electronic sensitive equipments.
- Stop using the inverter if the power cord/plug has been damaged or loosen. Have it repaired before using it again.
- Do not insert any object in the inverter; it may cause fire, electric shock or short circuit.
- If there is any abnormal noise, smell or smoke, turn off immediately the inverter and contact your retailer.
- Do not place any heavy object on the inverter or the power cord.
- Do not allow water drip or splash on the inverter. Do not touch the case or the power cord with wet hands.
- Do not attempt any reparation or modification; it may cause electric shock or fire. When needed, contact your retailer.

If the inverter has been exposed to rain, moisture, or strong impact, have it inspected by a qualified technician before use.