

For consumers who want to hook up a battery backup to their pellet stove, we have tested and approved\* the following Tripp Lite battery backups for use with all Harman pellet stoves and inserts. Not all battery backups are the same. UPSs (uninterruptible power supply) simply provide enough power for quick shut down of the unit without emitting smoke in the home. Inverter/chargers continue operation of the appliance until the battery is exhausted or power is restored. The three inverter/chargers listed can run the appliance for up to eight hours in the case of a power failure.

**What is an inverter/charger?**

Inverters and inverter/chargers convert low-voltage DC (direct current) battery power to standard AC (alternating current) power to provide reliable backup power. An inverter provides emergency backup power to essential equipment, such as your Harman pellet stove/insert. It uses the power produced by a 12 volt deep cycle battery (vehicle or boat battery), or from renewable energy sources such as solar panels or wind turbines.

**Where can I buy the listed inverter/chargers?**

All of the Harman approved inverter/chargers are available online.

**UPS for quick shutdown**

- The UPS provides safe shut-down only and is not intended for continued operation
- Harman pellet controls are pre-set for quick shutdown



**Tripp Lite INTERNET750U**

**Inverter/Chargers**



**Tripp Lite APS700HF**

**700W PowerVerter APS 12VDC 120V Inverter/Charger with Auto-Transfer Switching**

- Requires simple setting changes to Harman pellet stoves by Harman dealer
- Hooks up to 12 volt deep cycle battery
- Runs appliance for up to eight hours
- Cannot use multiple batteries
- Most cost-effective backup approved by Harman



**Tripp Lite APS750**

**750W PowerVerter APS 12VDC 120V Inverter/Charger with Auto-Transfer Switching**

- Requires simple setting changes to Harman pellet stoves by Harman dealer
- Hooks up to 12 volt deep cycle battery
- Runs appliance for up to eight hours
- Capable of charging multiple deep cycle batteries for longer run times



**Tripp Lite APS1012SW**

**1000W PowerVerter APS 12VDC 120V Inverter/Charger with Pure Sine Wave Output,**

- No changes needed on pellet stove due to pure sine wave
- Hooks up to 12 volt deep cycle battery
- Runs appliance for up to eight hours
- Capable charging multiple deep cycle batteries for longer run times
- Requires heavy duty power cord (not included) to be split and wired into terminals; refer to Tripp Lite manual for more information

\*The word "approved" as used in this document means that Harman has tested the referenced product with Harman pellet stoves and the stove, when used with such product, successfully functioned as expected in our test laboratory. Harman makes no representations or warranties with respect to the performance of the product itself other than those contained in the previous sentence. Purchasers should look to reps and warranties from the product manufacturer.

## Inverter/Charger instructions

### IMPORTANT

- Inverter/chargers and deep cycle batteries should be placed away from the heat of the stove and must not be touching the stove
- Keep the hopper lid and doors closed during operation and when it is shutting down due to a power failure or exhausted battery; this will reduce the smoke entering the room

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## Pellet stoves with EASY Touch Control

### Instructions

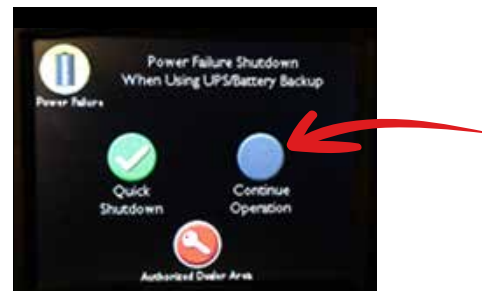
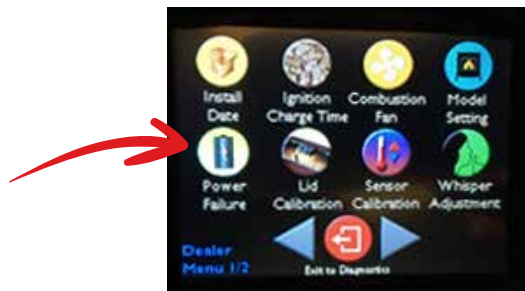
1. Purchase one of the three Tripp Lite inverter/chargers.
2. Purchase a deep cycle battery.
3. Charge the deep cycle battery with the inverter/charger.

### Tripp Lite APS1012SW

1. Connect the inverter/charger to the stove.
2. You do not have to do anything, the backup will automatically take over in a power loss since it has a pure sine wave.

### Tripp Lite APS750 or Tripp Lite APS700HF

1. Go into Authorized Dealer Area.
2. Touch Power Failure.
3. Press Continue Operation (since these inverter/chargers are not pure sine wave, they should be set to Continue Operation to allow stove to continue heating during power failure).



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## Pellet stoves with knob control board

### Instructions

1. Purchase one of the three Tripp Lite inverter/chargers.
2. Purchase a deep cycle battery.
3. Charge the deep cycle battery with the inverter/charger.

### Tripp Lite APS1012SW

1. Connect the inverter/charger to the stove.
2. You do not have to do anything, the backup will automatically take over in a power loss since it has a pure sine wave.

### Tripp Lite APS750 or Tripp Lite APS700HF

1. Turn on Dip Switch #4 (continues operation).
2. Connect the inverter/charger to the stove.