

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 Trekker, Castile, CB1200, SantaFe 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 two 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 Quadra-Fire 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?

Both of the Quadra-Fire approved inverter/chargers are available online.

UPS for quick shutdown

- The UPS provides safe shut-down only and is not intended for continued operation



Tripp Lite INTERNET750U

INVERTER/CHARGERS



Tripp Lite APS700HF

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

- 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

- 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

*The word "approved" as used in this document means that Quadra-Fire has tested the referenced product with Quadra-Fire pellet stoves and inserts and the stove/insert, when used with such product, successfully functioned as expected in our test laboratory. Quadra-Fire 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

INSTRUCTIONS

1. Purchase one of the two Tripp Lite inverter/chargers.
2. Purchase a deep cycle battery.
3. Charge the deep cycle battery with the inverter/charger.
4. Connect the inverter/charger to the stove.
5. You do not have to do anything, the backup will automatically take over in a power loss since it has a pure sine wave.