

PowerGuard

Surge Suppression

LEASE
\$5.99/month

PURCHASE
\$209.95
(Includes tax & installation)

Call 252.247.3107

What causes power surges?

Surges in voltage levels are caused by many different events. Lightning is a common cause, but accidents involving power poles, birds and animals can also generate damaging surges. They can also be generated within your home or business by large appliances or motors switching on and off. Even when equipment or appliances are turned off, high voltage surges can still cause damage.

How can surges affect my home?

Surges can do two things to sensitive electronics. They can wear down the circuitry and cause early failure of the equipment or, they can cause immediate equipment failure.

Electronic equipment contains sensitive microprocessors. Even the shortest interruption of power can cause damage. Low level surges can cause stress on the circuits, leading to early failure. High level surges can result in the immediate destruction of expensive circuitry.

What are my protection options?

CCEC offers for lease or sale a heavy-duty surge arrester which is installed at the electric meter. This protects the motors and compressors on large appliances from surge-related damage.

We recommend that you purchase additional plug-in surge suppressors to protect your sensitive electronic equipment inside the home.

Will surge suppression totally protect my home?

No. While surge suppressors provide a high measure of protection against indirect lightning strikes, a direct or close indirect strike is so powerful that nothing on the market today can provide total protection. **Note, it is important that you routinely check the indicator lights on the suppression unit to ensure it is still operating.**



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