

Application

Lightning is the visible discharge of static electricity within a cloud, between clouds, or between earth and a cloud. Lightning occurs in all thunderstorms. A lightning flash is composed of a series of strokes with an average of about four. The length and duration of each lightning stroke vary.

ESE Lightning Arrester captures the thunder strikes and diverts it to the earth and distribute the charges to the earth.

Features:

Early Streamer Emission (ESE) Lightning Arrester

Double Early Streamer Emission (ESE) System

ESE produces upwards emission.

High Capacity

Guaranteed Long Life

Electro Atmospheric Condenser

Atmospheric Accelerator

Bluetooth Remote Controller (optional)

Mobile App (Optional)

Remote Monitoring through web/internet/mobile app (optional)

Solar powered (optional)

**Installation**

1. Determine the lightning protection category of the building according to the area, height, number of lightning days in the location, geographical environment correction coefficient, and the nature of the building's use.
2. Use the lightning protection category and the area of the building to determine the selection of one or more "satellite" lightning rods.
3. The down conductor (lower conductor) should be electrically connected to the main steel bars of the building, or two or more down conductors (lower conductors) should be made according to regulations.
4. The down conductor (lower conductor) should be disconnected and insulated on the ground nearby.
5. The grounding body, grounding resistor, and lightning protection ground network should be implemented in accordance with the requirements of the lightning protection standard GB50057-94.

