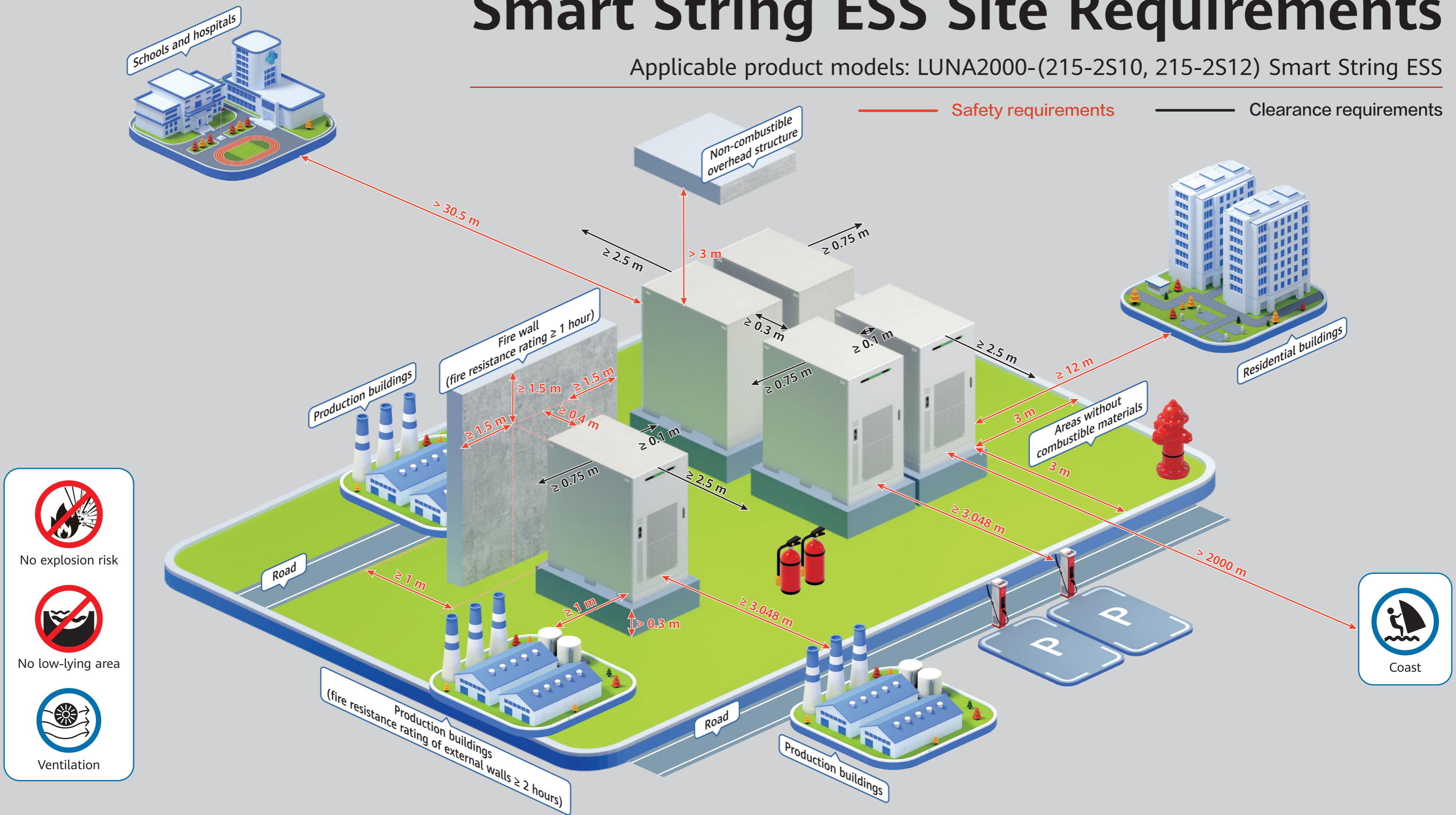


Smart String ESS Site Requirements

Applicable product models: LUNA2000-(215-2S10, 215-2S12) Smart String ESS



- No explosion risk
- No low-lying area
- Ventilation

Site Selection Requirements

- The site must be located in a **well-ventilated environment without explosion risks and must not be a low-lying area.**
- There must be no combustible materials **within 3 m** of the ESS or the site to prevent fire from spreading.
- Transportation to the site shall be convenient and **fire suppression facilities should be reliable.**
- Outdoor environment **more than 2000 m** away from the coast. You are advised not to use the ESS in an area within 2000 m of the coast. (If you need to use it, confirm with the vendor or the Company's engineers.)
- The ESS located outdoors must be **at least 10 ft (3.048 m)** away from lot lines, public ways, buildings, combustible materials, hazardous materials, high-piled stock, parking spaces, and other exposure hazards not associated with electrical grid infrastructure.

Foundation Requirements

- The installation dimensions and load-bearing capacity requirements must be met.
- The local historical maximum rainfall drainage requirements must be met.
- The foundation must be **above the highest water level of that area in history and at least 300 mm above the ground.**
- The horizontal error between the foundation and the contact surface of the ESS should be **less than or equal to 3 mm.**

Other Requirements

- It is recommended that batteries be used soon after being deployed onsite. Batteries that have been stored for an extended period shall be **charged periodically.** Otherwise, they may be damaged.
- The **tools** meet the insulation level and protection requirements.
- Ensure that **fire fighting facilities** are effective before installation and commissioning.
- The **personnel qualification** meets the requirements of local laws and regulations or standards.