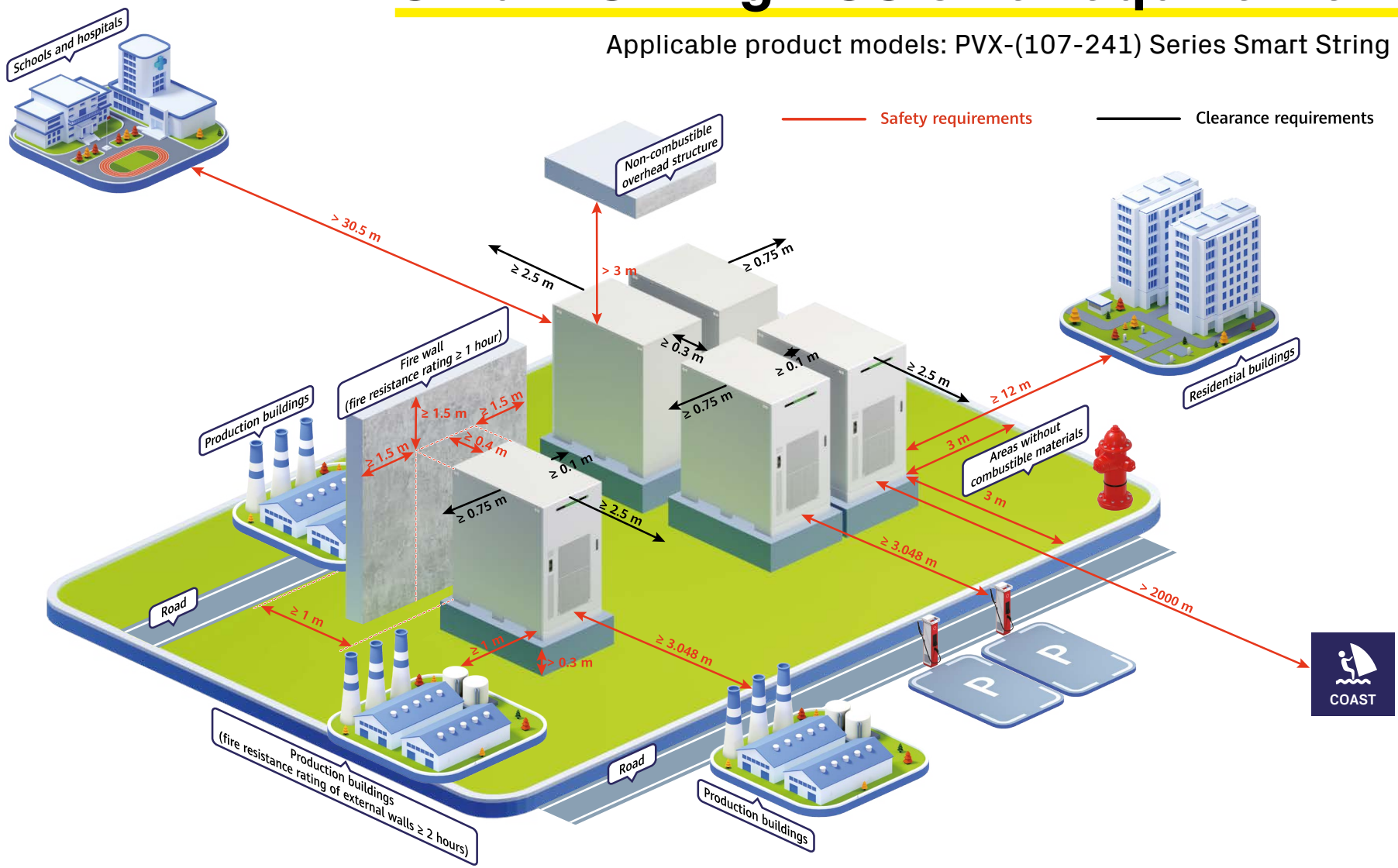
Smart String ESS site requirements

Applicable product models: PVX-(107-241) Series 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 shall 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 front 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 shall 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.

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