



**CONNECTED
INNOVATIONS**

ELECTRICAL SAFETY **STATISTICS**

In the US there are 24,000 electrical malfunction fires a year. (FEMA)

In the UK there are 12,000 electrical malfunction fires a year. (Home office (UK))

In the UK there are 2,500 High-rise fires a year. (UK Home Office fire report 0203)

288 people die a year from electrical malfunction fires. That is the equivalent of Grenfell Tower being repeated once every three months, throughout the year. (FEMA, Home Office (UK))

Electrical fires are preventable.

We waste 9% of all the electrical energy we consume from devices being left on standby. (UK Dept for Business, Energy & Industrial Strategy)

By 2030 we will consume 40 times as much electricity as we did in 1970. (UK Dept for Business, Energy & Industrial Strategy)

There are 100 billion sockets in the world, and each one can potentially start a fire. (UN, Statista)

76% of residential fires are electrical. (UK Home Office fire report 0602)

99.7% of all residential fires that are non-human related, are electrical. (UK Home Office fire report 0602)

57% of fires start in the supply and the remainder start in the appliance. (NFPA)

In Hong Kong, electrical faults were the leading cause of fires, excluding fires caused by human error. (Hong Kong Fire Service 2022)

In the UAE, the 2nd leading cause of fire is electrical malfunction. (The UAE Government)