

What's the difference?

4 types of electrolysers



Air-cooled

Easy to setup
No additional cooling piping necessary

No additional components necessary for smaller setups in bigger rooms

Advantageous for air conditioned rooms and semi-opened rooms in warmer environments

Temperature range: 5 °C – 45 °C

Liquid-cooled

Advantageous for managing heat in larger systems or defined spaces

Additional piping & components required for the cooling loop depending on the application (e.g. pumps, flow restrictors, heat exchanger, ventilation valves, bypass valve, damper device and sensors needed)

Needs less space behind ELs, but in general requires more space for additional components in front of the device

Temperature range: 5 °C – 50 °C

The other specs like power consumption, production rate, pressure etc. are identical.

AC Power Supply

Easy to connect to normal grid

Standard power cables can be used

Power Supply: 220 V – 240 V

DC Power Supply

Mostly used for integrated systems specifically designed for EL operating conditions

Thicker power cables required due to higher current

Power Supply: 48 V – 60 V

The other specs like power consumption, production rate, pressure etc. are identical.