AEM Electrolysers

The differences between the types

Air-cooled electrolysers	Liquid-cooled electrolysers
Easy to set up No additional cooling piping necessary	Additional piping for cooling cycle necessary Enables effective recovery of heat for external use and greater energy system efficiency
No additional devices necessary for smaller setups in bigger rooms	Additional pumps, flow restrictors, heat exchanger, ventilation valves, bypass valve, and damper device needed, plus sensors if applicable
Advantageous for air conditioned rooms and containers	Advantageous for managing heat in larger systems or when working with limited space
Semi-open containers can be used in warmer environments	Needs less space behind ELs but overall more space for additional components.
The other specs like production rate, pressure, etc. are identical.	

AC version	DC version
Easy to connect to normal grids	Only useful for integrated systems that are specifically designed for the EL's operation conditions
	DC power supplies will need a DC-DC converter in most cases
	Thicker cables necessary due to the higher current
Power supply voltage: 220 V – 230 V	Power supply voltage: 48 V – 60 V
The other specs like power consumption, production rate, pressure, etc. are identical	