

# Technical Data - 20ft System



	Kyros Electrolyzer 300	Kyros Electrolyzer 450
<b>PEM -Stack Power</b>	300kW	450kW
<b>Max. Production Rate Hydrogen</b>	60 Nm <sup>3</sup> /h	90 Nm <sup>3</sup> /h
<b>Nominal Pressure Hydrogen</b>	Max. 39,5 bar(ü)	Max. 39,5 bar(ü)
<b>Nominal Pressure Oxygen</b>	Ca. 3 Bar	Ca. 3 Bar
<b>Interface</b>	TCP/IP, OPC UA or ProfiNet	TCP/IP, OPC UA or ProfiNet
<b>Output Quality Hydrogen</b>	According to ISO 14687:2019 5.0 (99,999 Vol.-%)	According to ISO 14687:2019 5.0 (99,999 Vol.-%)
<b>Permissible ambient Temperature</b>	-20°C - +35°C	-20°C - +35°C
<b>Expected System connection Power</b>	400V / 480kVA	400V /685kVA
<b>Expected Lifespan</b>	Stack: 80.000 Operating hours at full load	Stack: 80.000 Operating hours at full load
<b>Space Requirements</b>	20' Container	20' Container

\*Special solutions can be requested directly through the Website.