

MFE220 Containerised Membrane-Free Electrolyser™



CPH2 are manufacturers of the Membrane-Free Electrolyser™
A game-changing, unique, and patented method of producing
pure hydrogen and pure oxygen. Robustly engineered to be
simple, safe, and sustainable and manufactured from readily
available materials that are 98% recyclable.



Stack efficiency [%]	73 to 78
Hydrogen production [kg/day]	up to 451
Oxygen production [kg/day]	up to 3609
Gas purity [%]	up to 99.999
Power input [kW]	1000
Water consumption [L/day]	up to 4060
Control	PLC
System dimensions	40ft ISO Container

Benefits of the CPH2 Membrane-Free Electrolyser™
includes:

- 25-year lifespan
- Lowest OPEX and LOHC of any water electrolysis hydrogen production
- No membrane to degrade or fail
- Cryogenic gas separation delivering pure hydrogen and medical grade oxygen
- Quick to install and simple to maintain

Clean Power Hydrogen (CPH2) reserves the right to revise this documentation and to make changes in content from time to time without obligation on the part of CPH2 to provide notification of such revision or change.

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Simple. Safe. Sustainable.