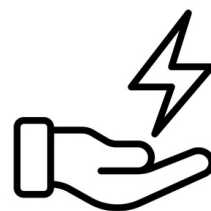


Hydrokraft Containerized Electrolyzers

Technical Datasheet



EFFICIENT



ROBUST



SAFE

Model Range:

- 20kW
- 40kW
- 100kW
- 200kW
- 500kW
- 1MW
- 5MW

Hydrokraft Containerized Electrolyzers

Technical Datasheet

Unique Features:

- adaptation to water quality, no need for Reverse Osmosis (RO) unit; no hidden electricity consumption
- no need for hydrogen compressor, adjustable hydrogen output pressure between 10-35 bar; no hidden electricity consumption
- 82% HHV efficiency, one of the best available on market
- robust system, easy to maintain, Long Term Service Agreement option
- design to result 20% lower energy consumption
- full automatization, remote monitoring available from mobile phone

Hydrokraft Containerized Electrolyzers

Technical Datasheet

1 MW Containerized Unit

Water Characteristic	no need for Reverse Osmosis (RO) unit
Water Consumption	< 250 L/hr
Hydrogen Output	21kg/hr (233Nm ³ /hr)
Hydrogen Purity	99.8% without purifier ; 99.999% with purifier
Hydrogen Output Pressure	adjustable 10-35 bar without compressor

Power Supply Requirements	3 Phase 400 VAC 50/60 Hz
Stack Operating Temperature	60-70 degree C
Turn Down Ratio	30%
Cold Start Time	< 20 minute
Electrolyte	1M KOH (5.34wt%)
Catalyst	PGM-Free Material
Dimensions	45 ft ATEX Container



Hydrokraft

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