

EMPOWER A GREENER FUTURE

Cutting-edge hydrogen generators and electrolysers for unparalleled efficiency and sustainability





Independent R & D and production Excellent material and fine workmanship

High purity of hydrogen production Long service life

- High pressure resistance High pressure hydrogen can be produced High current density Low power consumption, voltage stability
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- 🐼 It can adapt to wide power fluctuation

- Independent R & D and production Excellent material and fine workmanship
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CH-200Nm³/h type PEME						
Oxygen	production	Nm³/h	300	Hydrogen is mixed with oxyger		
Hydroger	n production	Nm³/h	200	Pure hydrogen, single out		
Tempe circulat	rature of ing water	°C	25-70			
Water co	onsumption	L/h	200	Pure Water, deionized water		
Circula	r manner	/	Pump circulation			
Hydrogen purity		%	99.99	After drying		
Water electrolysis method		/	Water electrolysis	Proton exchange membrane electrolysis		
Maximum stress		Мра	3.5			
זחד	Anode water	PPM	≤ 1	Pure water system		
	Cathode water	PPM	/			
Consta	nt current	A	4000-4500			
Dimensions (without lugs)		mm	970×805×1205			
Dimensions (including lugs and fittings)		mm	970×905×1205			
Weight		kg	/			
Application area		On-site hydrogen pro industry, fuel cell syst medicine and other ir	oduction in large scale e em, hydrogen producti ndustries	energy storage, chemical ion-hydrogenation station,		

CH-60Nm³/h type PEME						
Oxygen	production	Nm³/h	90	Hydrogen is mixed with oxygen		
Hydroge	n production	Nm³/h	60	Pure hydrogen, single out		
Tempe circulat	erature of ing water	°C	25-70			
Water co	onsumption	L/h	60	Pure Water, deionized water		
Circula	r manner	/	Pump circulation			
Hydrogen purity		%	99.99	After drying		
Water electrolysis method		/	Water electrolysis	Proton exchange membrane electrolysis		
Maxim	um stress	Мра	3.5			
тос	Anode water	PPM	≤ 1	Pure water system		
103	Cathode water	PPM	/			
Consta	nt current	A	4000-4500			
Dimensions (without lugs)		mm	970×805×855			
Dimensions (including lugs and fittings)		mm	970×905×855			
W	/eight	kg	/			
Application area		On-site hydrogen production in large scale energy storage, chemical industry, fuel cell system, hydrogen production-hydrogenation station, medicine and other industries.				



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High pressure resistance High pressure hydrogen can be produced



High current density Low power consumption, voltage stability

🕢 It can adapt to wide power fluctuation





PEME 10Nm³/h

Can be customized according to application requirement





Medium size electrolysor

PEME 5Nm³/h

Can be customized according to application requirement



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	Independent R & D and production
\checkmark	Excellent material and fine workmanship

High purity of hydrogen production Long service life

CH-10Nm³/h type PEME						
Oxygen	production	Nm³/h	15	Hydrogen is mixed with oxyger		
Hydroger	n production	Nm³/h	10	Pure hydrogen, single out		
Tempe circulat	rature of ing water	°C	25-70			
Water co	onsumption	L/h	10	Pure Water, deionized water		
Circula	r manner	/	Pump circulation			
Hydrogen purity		%	99.99	After drying		
Water electrolysis method		/	Water electrolysis	Proton exchange membrane electrolysis		
Maximum stress		Мра	3.5			
TDC	Anode water	PPM	≤ 1	Pure water system		
103	Cathode water	PPM	/			
Consta	nt current	A	355			
Dimensions (without lugs)		mm	442×335×430			
Dimensions (including lugs and fittings)		mm	442×375×430			
Weight		kg	120			
Application area		On-site hydrogen production in large scale energy storage, chemical industry, fuel cell system, hydrogen production-hydrogenation station, medicine and other industries				

CH-5Nm³/h type PEME						
Oxygen	production	Nm³/h	7.5	Hydrogen is mixed with oxygen		
Hydroger	n production	Nm³/h	5	Pure hydrogen, single out		
Tempe circulat	rature of ing water	°C	25-70			
Water co	onsumption	L/h	5	Pure Water, deionized water		
Circula	r manner	/	Pump circulation			
Hydrogen purity		%	99.99	After drying		
Water electrolysis method		/	Water electrolysis	Proton exchange membrane electrolysis		
Maximum stress		Мра	3.5			
Anode water		PPM	≤ 1	Pure water system		
103	Cathode water	PPM	/			
Consta	nt current	A	355			
Dimensions (without lugs)		mm	382×280×431			
Dimensions (including lugs and fittings)		mm	382×324.5×431			
Weight		kg	/			
Application area		On-site hydrogen production in large scale energy storage, chemical industry, fuel cell system, hydrogen production-hydrogenation station, medicine and other industries				





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High pressure resistance High pressure hydrogen can be produced



High current density Low power consumption, voltage stability

It can adapt to wide power fluctuation



Medium size

PEME 4Nm³/h

Can be customized according to application requirement





Medium size

PEME 3Nm³/h

Can be customized according to application requirement



Independent R & D and production Excellent material and fine workmanship

High purity of hydrogen production Long service life

Ch	High pressure resistance
V	High pressure hydrogen can be produced

High current density Low power consumption, voltage stability \checkmark

It can adapt to wide power fluctuation

Independent R & D and production Excellent material and fine workmanship

High purity of hydrogen production Long service life

CH-4Nm³/h type PEME						
Oxygen	production	Nm³/h	6	Hydrogen is mixed with oxygen		
Hydroger	n production	Nm³/h	4	Pure hydrogen, single out		
Tempe circulat	rature of ing water	°C	25-70			
Water co	onsumption	L/h	5	Pure Water, deionized water		
Circula	r manner	/	Pump circulation			
Hydrogen purity		%	99.99	After drying		
Water electrolysis method		/	Water electrolysis	Proton exchange membrane electrolysis		
Maximum stress		Мра	3.5			
TDS	Anode water	PPM	≤ 1	Pure water system		
103	Cathode water	PPM	/			
Consta	nt current	A	355			
Dimensions (without lugs)		mm	382×280×396			
Dimensions (including lugs and fittings)		mm	382×324.5×396			
Weight		kg	/			
Application area		On-site hydrogen production in large scale energy storage, chemical industry, fuel cell system, hydrogen production-hydrogenation station, medicine and other industries				

CH-3Nm³/h type PEME						
Oxygen	production	Nm³/h	4.5	Hydrogen is mixed with oxygen		
Hydroger	n production	Nm³/h	3	Pure hydrogen, single out		
Tempe circulat	rature of ing water	°C	25-70			
Water co	onsumption	L/h	3	Pure Water, deionized water		
Circula	r manner	/	Pump circulation			
Hydrogen purity		%	99.99	After drying		
Water electrolysis method		/	Water electrolysis	Proton exchange membrane electrolysis		
Maximum stress		Мра	3.5			
TDS	Anode water	PPM	≤ 1	Pure water system		
103	Cathode water	PPM	/			
Consta	nt current	A	355			
Dimensions (without lugs)		mm	382×280×357			
Dimensions (including lugs and fittings)		mm	382×324.5×357			
Weight		kg	/			
Application area		On-site hydrogen production in large scale energy storage, chemical industry, fuel cell system, hydrogen production-hydrogenation station, medicine and other industries				



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High pressure resistance High pressure hydrogen can be produced



High current density Low power consumption, voltage stability

It can adapt to wide power fluctuation



Medium size

PEME 2Nm³/h

Can be customized according to application requirement





Medium size

PEME 1Nm³/h

Can be customized according to application requirement



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High purity of hydrogen production Long service life

5	High	pressure	resistance	e	
	High	pressure	hydrogen	can be	produced

High current density Low power consumption, voltage stability \checkmark

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High purity of hydrogen production Long service life

CH-2Nm³/h type PEME					
Oxygen	production	Nm ³ /h	3	Hydrogen is mixed with oxygen	
Hydroger	n production	Nm³/h	2	Pure hydrogen, single out	
Tempe circulat	rature of ing water	°C	25-70		
Water co	onsumption	L/h	2	Pure Water, deionized water	
Circula	r manner	/	Pump circulation		
Hydrogen purity		%	99.99	After drying	
Water electrolysis method		/	Water electrolysis	Proton exchange membrane electrolysis	
Maximum stress		Мра	3.5		
TDC	Anode water	PPM	≤ 1	Pure water system	
	Cathode water	PPM	/		
Consta	nt current	А	355		
Dimensions (without lugs)		mm	382×280×321		
Dimensions (including lugs and Þttings)		mm	382×324.5×321		
Weight		kg	/		
Application area		On-site hydrogen production in large scale energy storage, chemical industry, fuel cell system, hydrogen production-hydrogenation station, medicine and other industries			

CH-1Nm³/h type PEME						
Oxygen	production	Nm³/h	1.5	Hydrogen is mixed with oxygen		
Hydroger	n production	Nm³/h	1	Pure hydrogen, single out		
Tempe circulat	rature of ing water	°C	25-70			
Water co	onsumption	L/h	1	Pure Water, deionized water		
Circula	r manner	/	Pump circulation			
Hydrogen purity		%	99.99	After drying		
Water electrolysis method		/	Water electrolysis	Proton exchange membrane electrolysis		
Maximum stress		Мра	3.5			
Anode water		PPM	≤ 1	Pure water system		
103	Cathode water	PPM	/			
Constant current		А	355			
Dimensions (without lugs)		mm	382×280×290			
Dimensions (including lugs and Þttings)		mm	382×324.5×290			
Weight		kg	/			
Application area		On-site hydrogen production in large scale energy storage, chemical industry, fuel cell system, hydrogen production-hydrogenation station, medicine and other industries				





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