China

CMC

COA

H2

# Hydrogen Gas Cylinder Gas Compressed H2 Hydrogen Gas Storage 4n 99.99% **H2**

### **Basic Information**

- Place of Origin:
- Brand Name:
- Certification:
- Model Number:
- Minimum Order Quantity: 1 Piece
- Price: US \$25/PC
- Cylinder/Tank · Packaging Details:
- Delivery Time: 15 days
- Payment Terms: L/C, T/T
- Supply Ability: 2000 Pcs/Month

# **Product Specification**

- Product Name:
- Valve:
- Boiling Point:
- Melting Point:
- Cylinder Pressure:
- Cylinder Standard:
- Transport Package:
- Specification:
- Trademark:
- Origin:
- HS Code:
- Supply Ability:
- CAS No.:
- Formula:
- EINECS:

Qf-30A/Cga350 -252.77ºC(20.28K)

Hydrogen Gas

- -259.2ºC(14.01K) 12.5MPa/15MPa/20MPa
- GB/ISO/DOT
- Sea Transportation
- 4L 8L 40L 50L
- CMC
  - Suzhou, China 2804290000
- 5000piece/Month
- 1333-74-0
- H2
  - 215-605-7



### More Images





# **Product Description**

H2 gas refers to hydrogen gas, which is a chemical compound consisting of two hydrogen atoms bonded together. Hydrogen is the lightest and most abundant element in the universe. Here are some key points about hydrogen gas:

Chemical Formula: H2

Molecular Weight: 2.02 g/mol

Structure: Hydrogen gas consists of two hydrogen atoms covalently bonded together.

Physical Properties: Hydrogen gas is a colorless, odorless, and highly flammable gas at room temperature and atmospheric pressure. It is the lightest gas, and its density is about 14 times less than that of air.

Abundance and Occurrence: Hydrogen is the most abundant element in the universe, but it is relatively rare on Earth in its elemental form. It is found in various compounds, such as water (H2O) and hydrocarbons.

Production: Hydrogen gas can be produced through several methods, including steam reforming of natural gas, electrolysis of water, coal gasification, and biomass gasification.

Applications: Hydrogen gas has numerous applications. It is commonly used as a fuel for rockets and combustion engines, especially in the aerospace industry. Hydrogen fuel cells, which generate electricity through the reaction of hydrogen with oxygen, are utilized in transportation, portable power systems, and stationary power generation. Hydrogen is also used in the production of ammonia, petroleum refining, and various industrial processes.

Energy Carrier: Hydrogen is often considered an energy carrier rather than an energy source since it needs to be produced from other sources of energy. It has the potential to play a significant role in a clean and sustainable energy future as it can be produced using renewable sources, such as solar or wind energy.

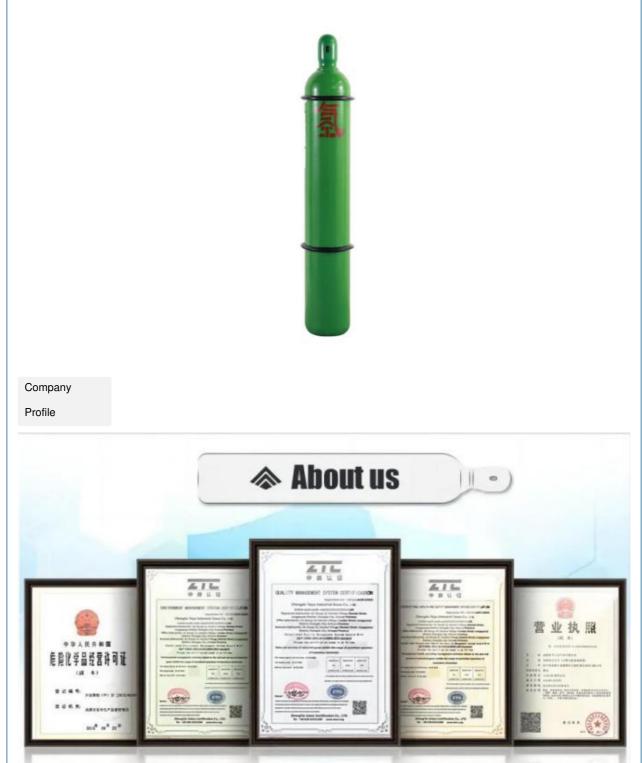
Safety Considerations: Hydrogen gas is highly flammable and can form explosive mixtures with air or oxygen. Consequently, proper handling, storage, and ventilation are crucial. Safety measures, such as preventing leaks and avoiding ignition sources, should be followed when working with hydrogen gas.

Environmental Impact: Hydrogen gas is a clean-burning fuel that produces only water vapor as a byproduct when used in fuel cells. It is considered an environmentally friendly alternative to fossil fuels since it does not release greenhouse gases or harmful pollutants during combustion.

Basic Into.			
Model NO.	H2	Pressure	13.5MPa/15Mpa
Electronic Grade	Electronic Grade	Cylinder	40L/50L
Purity	99.999%	Transport Package	Sea Transportation
Specification	40L/50L 99.9999%	Trademark	CMC
Origin	suzhou	Production Capacity	5000piece/Month

Specification	Cylinder:40L/47L	Valve:G5/8	Pressure 13.5MPA
Application	3. Raw materials for syn refining, etc 4. Smelting of precious	chloric acid, synthesis of othesis of ammonia, met metals and reduction of carrier gas, electron tube	ammonia, metal cutting, welding, metal extraction, purification of semiconductor materials, etc hanol and hydrochloric acid, reducing agent for metallurgy, hydrodesulfurization agent in petroleun metal oxides e, semiconductor materials, integrated

#### **Detailed Photo**



Shanghai Kemike Chemical Co., Ltd is staffed by trained personnel, combine many years experience in Gas industry .We supply cylinder gas, electronic gas, etc., and the gas holder, panel, valves and fittings and other equipment, parts and engineering services to our customers in China and worldwide; The products are involved in various industrial fields, such as semiconductor chip, solar cell, LED, TFT-LCD, optical fiber, glass, laser, medicine, etc., Our mission is to partner with our global customers to provide support, solutions and quality products that are innovative, reliable, and safe. Our products mainly include: H2, O2, N2, Ar, CO2, propane, acetylene, helium, laser mixed gas, SiH4, Sih2cl2, SiHCL3, SiCL4, NH3, CF4, NF3, SF6, HCL, N2O, doping mixed gas (TMB, PH3, B2H6) and other electronic gases.



III Shanghai Kemike Chemical Co.,Ltd

williamchen@cmc-chemical.com

@ gascylindertank.com