

High Flow Rate PSA Nitrogen Generator 500 Nm3/h with 99.9% Purity and PLC Automatic Control

Our Product Introduction

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Basic Information

- Place of Origin: Guangdong, China
- Brand Name: ECER
- Certification: ISO 9001:2015, CE
- Model Number: PSA-N2-500H
- Minimum Order Quantity: 1 Set
- Price: USD 100,000-160,000 / Set
- Packaging Details: Export-grade seaworthy packing with shock-proof reinforcement
- Delivery Time: 30-45 working days after deposit
- Payment Terms: T/T,L/C,Western Union
- Supply Ability: 10 Sets per Month



Product Specification

- Nitrogen Purity: 99.9% (97%-99.9% Adjustable)
- Pressure Dew Point: -40°C
- Working Pressure: 0.6-1.0 MPa
- Power Supply: 380V/50Hz
- Nitrogen Flow Rate: 500 Nm3/h
- Adsorbent: Carbon Molecular Sieve
- Highlight: **500 Nm3/H High Flow Output, Industrial Nitrogen Production System, Reliable PSA Generator Equipment**

Product Description

High Flow Rate Nitrogen Generator Equipment PSA N2 Production System 500 Nm3/H

Nitrogen Generator Equipment High Flow Rate Nitrogen Production

High Flow Rate | 500 Nm3/h Capacity | Industrial Nitrogen Production

This PSA-N2-500H is **nitrogen generator equipment** built for **high flow rate nitrogen production**. Based on mature PSA technology, it delivers a stable 500 Nm3/h nitrogen output for medium-to-large industrial consumers - heat treatment, chemical, electronics, metal processing and more - with low cost per Nm3 and minimal operator attention.

Key Selling Points

High Flow Rate Production: Continuous nitrogen output of 500 Nm3/h, designed for high-consumption industrial processes.

Mature PSA Technology: Dual-tower carbon molecular sieve adsorption ensures stable purity and reliable 24/7 operation.

Industrial Equipment Grade: Heavy-duty vessels, valves and piping engineered for long service life.

Low Operating Cost: On-site generation cuts nitrogen cost versus cylinder or liquid nitrogen supply.

Easy Operation: PLC automatic control, one-touch start, purity monitoring and alarm system.

Customizable: Flow rate, purity and pressure configurable to match your production demand.

Technical Specifications

Parameter	Value
Model	PSA-N2-500H
Nitrogen Purity	99.9% (97%-99.9% Adjustable)
Nitrogen Flow Rate	500 Nm3/h
Pressure Dew Point	-40°C
Working Pressure	0.6-1.0 MPa
Application	Industrial Nitrogen Production

Contact us today for high flow rate nitrogen generator equipment tailored to your production capacity.



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