

Energy-Saving PSA Nitrogen Generator 100Nm³/h 99.99% Purity with Variable Frequency Drive

Our Product Introduction

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Basic Information

- Place of Origin: Jiangsu, China
- Brand Name: GASPU
- Certification: CE, ISO 9001
- Model Number: NG800-E100
- Minimum Order Quantity: 1 Set
- Price: USD 28000-52000 / Set
- Packaging Details: Skid frame with seaworthy export packing
- Delivery Time: 35-50 working days
- Payment Terms: T/T,L/C,Western Union
- Supply Ability: 30 Sets per Month



Product Specification

- Nitrogen Flow: 100 Nm³/h
- Nitrogen Purity: 99.99%
- Energy Feature: Variable Frequency Drive
- Power Consumption: 0.38 KWh/Nm³
- Dew Point: ≤ -40 C
- Outlet Pressure: 0.1-0.6 MPa
- Power Supply: 220V/380V/440V 50/60Hz
- Warranty: 1 Year
- Highlight: **Energy-Efficient Nitrogen Generator Skid, Variable Frequency Drive PSA System, Low Operating Cost Nitrogen Supply**



Product Description

GASPU Energy-Saving PSA Nitrogen Generator — 100 Nm³/h, 99.99% Purity

The GASPU NG800-E100 is a high-efficiency, energy-saving PSA nitrogen generator featuring advanced Pressure Swing Adsorption technology and a variable frequency drive. The VFD fine-tunes compressor and valve operation to actual demand, minimizing power use and total cost of ownership.

Key Features

Advanced PSA technology with variable frequency drive for energy efficiency.
Demand-based control reduces electricity consumption during low-load periods.
Carbon Molecular Sieve (CMS) adsorption with stable long-life performance.
Adjustable 99.99% purity through PLC control and touch screen.
Low operating cost, low noise and minimal maintenance.

Technical Specifications

Parameter	Value
Nitrogen Flow	100 Nm ³ /h
Nitrogen Purity	99.99%
Energy Feature	Variable Frequency Drive
Dew Point	≤ -40 °C
Power Supply	220V / 380V / 440V, 50/60Hz
Design	Skid-mounted, energy-saving

Applications

Chemical and petrochemical process inerting
New energy battery and photovoltaic manufacturing
Coal mine and grain storage safety
Large-scale industrial nitrogen supply
Reduce your operating cost with GASPU energy-saving nitrogen systems. Contact our sales team today for a quotation.



Suzhou Gaopu Ultra pure gas technology Co.,Ltd



+8613912609547



luyycn@163.com



nitrogengeneratorsystem.com

No.161 Zhongfeng Street, Suzhou New District, Suzhou, P.R.China