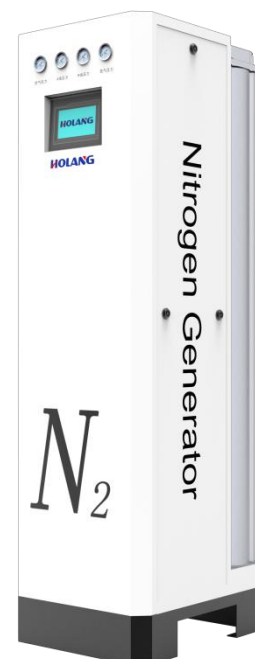


The **NPL series** is a new generation of modular nitrogen generator products independently developed by Holang, relying on unique design concepts and advanced energy-saving technology to help enterprises reduce costs and increase efficiency.

The NPL series uses pressure swing adsorption (**PSA**) technology and an efficient filtration system to provide a stable and consistent output of high quality nitrogen with a maximum **purity of 99.999%**.

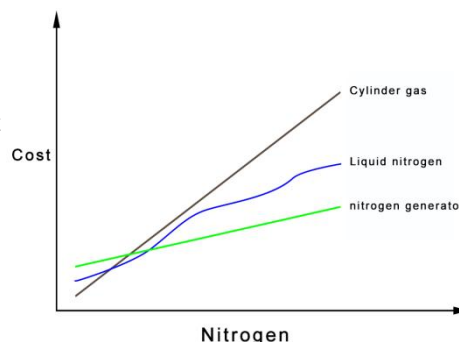
Compared with traditional methods of nitrogen harvesting, NPL series is more economical, efficient, safe and reliable. NPL series compact design, small footprint, more space saving; Equipped with advanced intelligent integrated control system, touch screen operation is easier;

Combined with its lower operation and maintenance costs, shorter start-up time and longer working time, it is a cost-effective nitrogen source.



## Key Features

- ✓ **The nitrogen purity can be adjusted**  
95%-99.999% nitrogen purity can be selected on demand
- ✓ **Low cost of nitrogen**  
On-site nitrogen production, out of the box, provides a continuous, efficient and economical source of nitrogen, avoid recharging and shipping costs;  
Reduce long-term operating costs by avoiding dependence on external suppliers.
- ✓ **High degree of automation**  
Touch-screen motion intelligent control operation panel, easy to operate.
- ✓ **Small footprint, save more space**
- ✓ **Extensible design, easy to expand and maintain**  
Independent module, easy to extract, easy to replace, does not affect the performance of the equipment after replacement, operation and maintenance costs are reduced;  
Maximum use of easy disassembly connection technology, later troubleshooting is easy.
- ✓ **Safety, energy saving and high efficiency**  
Can effectively avoid high pressure gas cylinder, low pressure liquid nitrogen storage tank and other safety hazards;  
Closed-loop monitoring of inlet and outlet gas pressure, flow rate and purity, abnormal alarm function, and mechanical safety valve to ensure safe use; The equipment is equipped with an energy saving mode, which can adjust and set the purity and flow rate of nitrogen as required

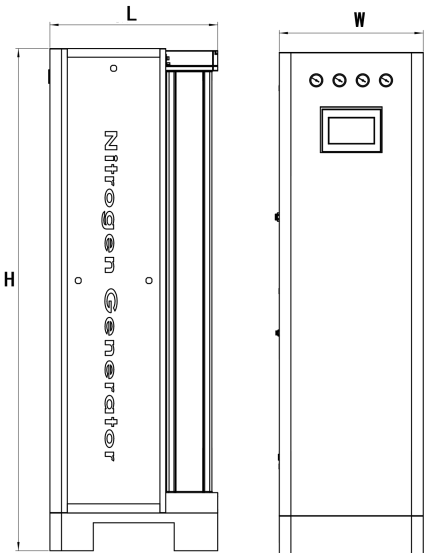


## Technical Specifications

Model	Nitrogen flow (Nm <sup>3</sup> /hr)						Inlet	Outlet	Size (mm) (LxWxH)	Weight (kg)	Nitrogen buffer tank (optional)
	95%	99%	99.5%	99.9%	99.99%	99.999%					
NPL01	13.2	10.6	8.6	6.6	3.8	2.2	G1/2	G1/2	579×333×1700	146	50L
NPL02	26.4	21.1	17.1	13.2	7.8	4.4	G1/2	G1/2	741×333×1700	213	50L
NPL03	39.6	31.7	25.7	19.8	11.7	7.2	G1/2	G1/2	903×333×1700	280	100L
NPL04	52.8	42.2	33.8	26.4	15.6	9.9	G1/2	G1/2	1065×333×1700	347	100L
NPL05	66.0	52.8	43.7	33.0	19.8	12.4	G3/4	G1/2	1227×333×1700	418	200L
NPL06	79.2	63.4	53.5	39.6	23.8	15.4	G3/4	G3/4	1389×333×1700	490	200L
NPL07	92.4	73.9	62.4	46.2	27.7	18.0	G3/4	G3/4	1551×333×1700	555	200L
NPL08	105.6	84.5	72.6	52.8	31.9	21.1	G1	G3/4	1713×333×1700	621	200L
NPL09	118.8	95.0	82.6	59.4	36.2	26.7	G1	G3/4	1875×333×1700	688	300L
NPL10	132.0	105.6	91.7	66.0	40.3	29.7	G1	G3/4	2037×333×1700	756	300L
NPL11	145.2	116.2	100.9	72.6	45.4	32.7	G1-1/4	G3/4	2249×333×1700	826	300L
NPL12	158.4	126.7	110.1	79.2	49.1	35.6	G1-1/4	G3/4	2411×333×1700	894	300L
NPL13	171.6	137.3	119.3	85.8	52.8	38.6	G1-1/4	G3/4	2573×333×1700	962	500L
NPL14	184.8	147.8	128.4	92.4	57.3	42.5	G1-1/4	G3/4	2735×333×1700	1030	500L
NPL15	198.0	158.4	137.6	99.0	61.4	45.5	G1-1/4	G3/4	2897×333×1700	1098	500L

Note: The index parameters refer to the working condition of 20-25 °C, working pressure 0.7MPa, relative humidity 0%, if the working condition deviates, the parameters must be corrected, please contact Holang consultation!

Air intake requirements	Meets ISO 8573-1:2010 requirements
Compressed air pressure	0.7-1.0MPa
Nitrogen outlet pressure	0.6-0.9MPa
Operating Temperature	5-40°C
Max Altitude	≤2000m
Power	100W
Supply voltage	210-240V /50-60Hz



For more information, please contact us!

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