



PULITA NEW ENERGY

PULITA New Energy is a Chinese manufacturer focusing on multi-energy power solutions including LPG,CNG,Dual Fuel generator sets,CNG cylinder groups,PRMS, modular CNG daughter station.

Pulita is located in the Sino-foreign Cooperation Industrial Park in the Binhai Economic Development Zone of Weifang, China. It covers an area of more than 30,000 square meters, including 10,000 square meters of production workshops, with a designed annual production capacity of 10kVA-4000kVA generating sets of 4,000 units. Products from the purchase of raw materials, drawing design, production process and manufacturing process all strictly implement the ISO9001 international quality system standard, and have passed the EU CE certification. The factory has built a large parts warehouse, which can ensure the timely supply of parts and the positive response of the service while providing cost-effective products.

Why Switch to Gas?

LPG/CNG VS DIESEL

Fuel	Example models	Comprehensive Fuel consumption	Fuel Price (Naira)	Consumed Price (Naira)	Comprehensive Per kW price (Naira)	Cost saving
Diesel	100KW	25L/h	1300N/L	32500	325	NA
LPG	100KW	23kg/h	600N/kg	13800	138	58%
CNG	100KW	30m ³ /h	300N/m ³	9000	90	72%

Switching to LPG and CNG Power Sources

The high cost of diesel leads to high electricity costs, by setting up independent CNG/LPG power plants, we can save 58-72% of the cost and quickly recover the upfront investment in natural gas infrastructure.



LPG

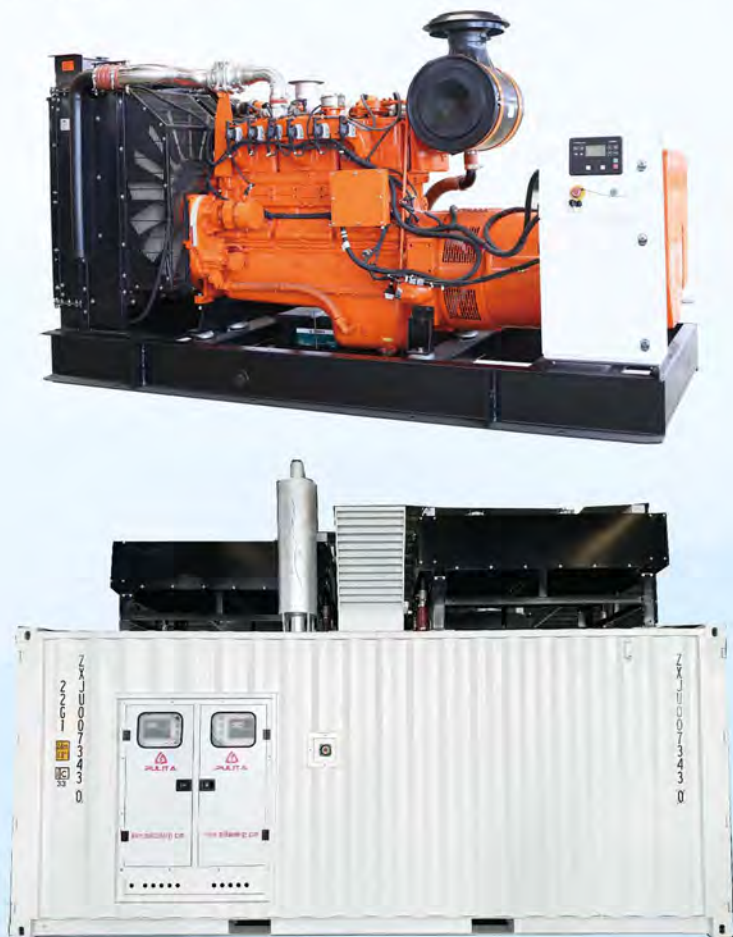
LPG is widely distributed in Nigeria. It is mainly composed of butane and propane. From small household gas cylinders to large industrial tanks, LPG is easy to store and use. Its portability and convenience make it an attractive alternative to diesel power generation. By switching to LPG, the cost of power generation fuel can be reduced by about 58%.

CNG

Nigeria has abundant natural gas reserves. The Nigerian government is currently carrying out large-scale pipeline construction to strengthen the distribution of natural gas throughout the country. Switching to pipeline natural gas or CNG for power generation can significantly save costs, up to 72%. At the same time, natural gas is more environmentally friendly and can effectively reduce carbon emissions.

CNG Generator Set

PULITA's CNG Generator Set ranges from 20kVA-4000kVA meeting various power demands and providing reliable energy supports, along with CNG cylinder groups, PRMS supporting devices to provide multi-energy power solutions.



A. More Reliable

Utilizing mature technology and processes.

B. More Efficient

Achieving a peak generator efficiency of up to 44%.

C. Environmentally Friendly

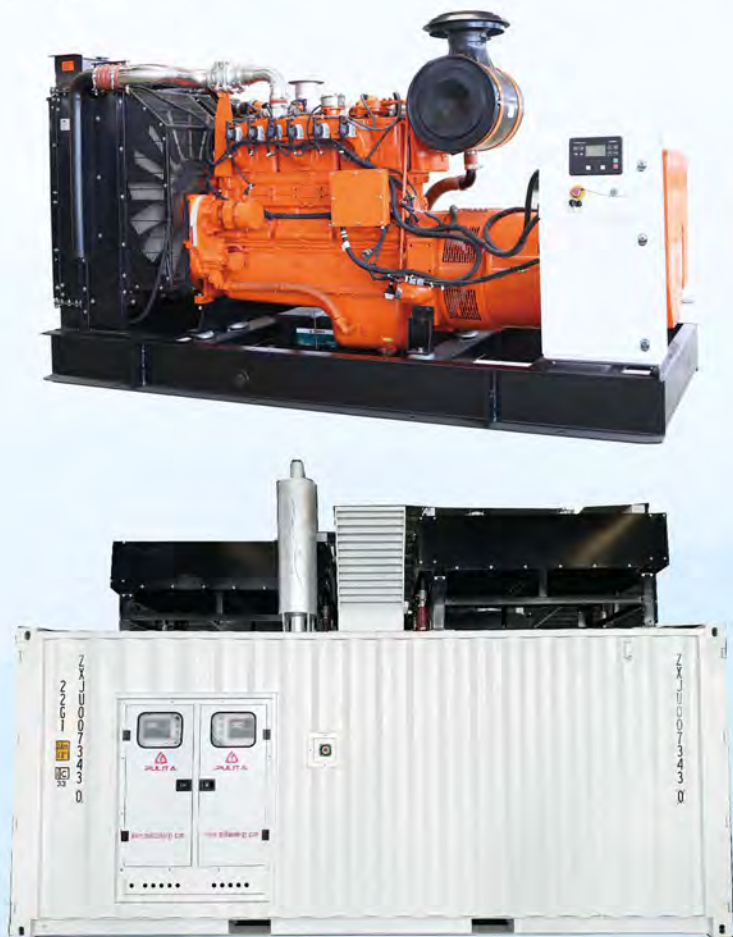
Lower emissions.

D. More Durable

Designed for continuous 24-hour operation, with a 15-year lifespan and 30,000 hours of major maintenance intervals.

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LPG/CNG Generator Set

Genset at 50Hz, 400/230V, 1500rpm, 3P4W				Gas Engine (In-line, Four-Stroke, Electronic Ignition, Water cooled)		Brushless Alternator with AVR	Controller	Fuel	Gas Consumption at 100% loads		Open Type		Soundproof Type	
Brand	Genset Model	Prime Power (kW/kVA)	Standby Power (kW/kVA)	Engine Model	Cylinder No.	Brand	Model	Gas Type	LPG(kg/h)	CNG(m ³ /h)	Dimensions(mm)	Weight(kg)	Dimensions(mm)	Weight(kg)
Pulita	20kVA	16/20	17.6/22	PL3.9-NG	4 in line	Pulita	Smartgen	LPG/CNG	3.68	4.8	1850*900*1150	800	2400*1050*1450	1200
	30kVA	24/30	26.4/33	PL3.9T-NG	4 in line	Pulita	Smartgen	LPG/CNG	5.52	7.2	1850*900*1150	900	2400*1050*1450	1000
	40kVA	32/40	35.2/44	PL3.9TA-NG	4 in line	Pulita	Smartgen	LPG/CNG	7.36	9.6	1850*900*1150	950	2400*1050*1450	1050
	50kVA	40/50	44/55	PL3.9TAA-NG	4 in line	Pulita	Smartgen	LPG/CNG	9.2	12	1850*900*1150	980	2400*1050*1450	1080
	60kVA	48/60	52.8/66	PL5.9-NG	6 in line	Pulita	Smartgen	LPG/CNG	11.04	14.4	2250*1050*1300	1000	2800*1050*1650	1400
	80kVA	64/80	70.4/88	PL5.9TA-NG	6 in line	Pulita	Smartgen	LPG/CNG	14.72	19.2	2250*1050*1300	1100	2800*1050*1650	1600
	100kVA	80/100	88/110	PL5.9TAA-NG	6 in line	Pulita	Smartgen	LPG/CNG	18.4	24	2250*1050*1300	1100	2800*1050*1650	1600
	120kVA	100/120	110/132	PL8.3TAA-NG	6 in line	Pulita	Smartgen	LPG/CNG	22	30	2400*1100*1400	1800	3000*1250*1800	2500
	150kVA	120/150	132/165	PL8.3TAA-NG	6 in line	Pulita	Smartgen	LPG/CNG	26.4	36	2400*1100*1400	1860	3000*1250*1800	2560
	200kVA	160/200	176/220	PL10TAA-NG	6 in line	Pulita	Smartgen	LPG/CNG	35.2	48	2850*1100*1550	1950	3300*1250*2060	2800
	300kVA	240/300	264/330	PL13TAA-NG	6 in line	Pulita	Smartgen	LPG/CNG	52.8	72	3100*1100*1780	2500	3800*1550*2160	3200
	350kVA	280/350	308/385	PL13TAA-NG	6 in line	Pulita	Smartgen	LPG/CNG	61.6	84	3100*1100*1780	2580	3800*1550*2160	3280
	400kVA	320/400	352/440	PL19TAA-NG	6 in line	Pulita	Smartgen	LPG/CNG	64	96	3400*1250*2060	2800	4000*1550*2260	3500
	500kVA	400/500	440/550	6M33D450E310NG	6 in line	Pulita	Smartgen	CNG	N/A	120	3260*1380*1610	3500	4000*1550*2260	4400
	600kVA	480/600	528/660	12M26D605E300NG	12 V	Pulita	Smartgen	CNG	N/A	144	4150*1730*2300	6100	20FT	9800
	800kVA	640/800	704/888	12M33D690E310NG	12 V	Pulita	Smartgen	CNG	N/A	192	4500*1700*2300	7200	20FT	11000
	1000kVA	800/1000	880/1100	12M33D900E310NG	12 V	Pulita	Smartgen	CNG	N/A	240	4500*1700*2300	7200	20FT	11000
	1200kVA	1000/1200	1100/1320	16M33D1280NG10	16 V	Pulita	Smartgen	CNG	N/A	280	6300*2000*2900	12300	40FT	16000
	1800kVA	1440/1800	1584/1980	12M55D1588A0NG	12 V	Pulita	Smartgen	CNG	N/A	403.2	6500*2000*2900	13500	40FT	17100
	2500kVA	2000/2500	2200/2750	20V190	20 V	Pulita	Smartgen	CNG	N/A	560	7500*2300*2800	29000	Customized	35000

Remarks

☐ Both 50Hz and 60Hz are available.

☐ Special voltages are available.

☐ Alternator brand Stamford, Leroy Somer, Marathon are optional.

☐ Controller brand Deepsea, DEIF, ComAp are optional.

☐ Special requirements for Soundproof Canopy, ATS, Parallel & Synchronization Control, CHP and CNG Cylinder Groups, PRMS are optional

The data herein can vary depending on individual production requirements or due to improved technology.

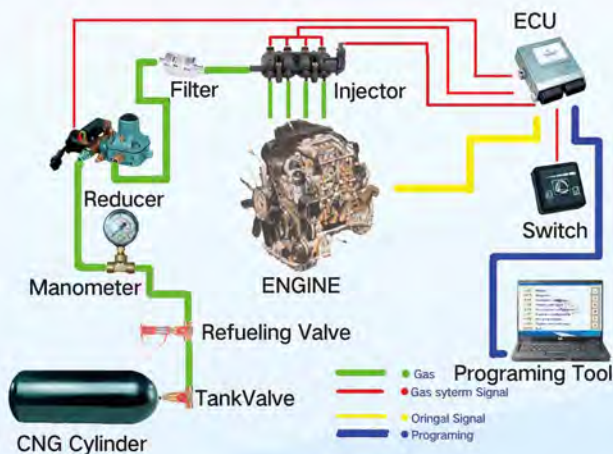
Dual Fuel Generator Set(Diesel-Gas)

Dual fuel power generators evolved out of the need to reduce diesel consumption, reduce fuel costs, increase runtime, and reduce CO₂ / NO_x and PM emissions.

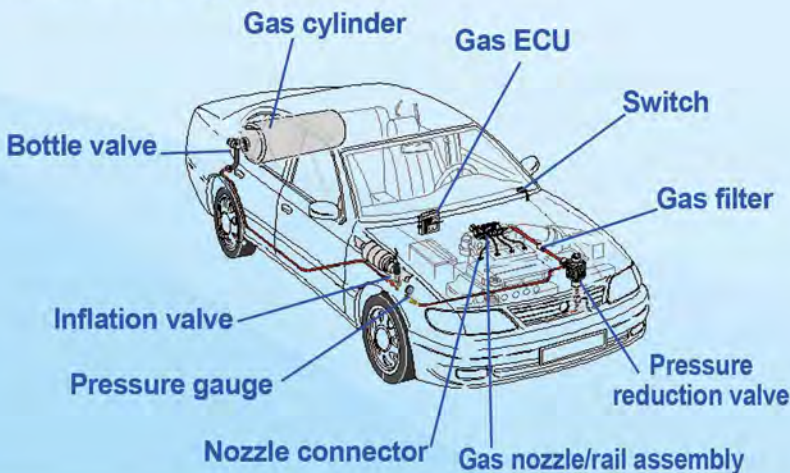


CNG Vehicles Conversion Kits

CNG cylinders are installed under chassis at vehicles to store fuel, High-pressure tubing connects the cylinders and engine, A low-pressure regulator is installed to supply Gas to engine as per need.



Main Components



CNG Cylinder Groups

PULITA uses 150-200L natural gas cylinders to assemble CNG cascades, with a capacity range from 100 to 7000scm, The working pressure ranges from 200 to 250bar which can fully meet the use of gas power generation.



CNG Tubes Skids Trailer

Large filling capacity 6000-9260scm, light weight, cost-effective; Both ends of the bottle body are provided with safety discharge device, Can be Loaded in trailer for easy transportation.



PRMS

PRMS uses high-quality pressure regulator and heating system, which is safe, stable and easy to operate.



Gas station solutions

We provide one-stop gas station EPC solutions customizable high-standard design and construction can ensure that the gas station is quickly put into production and operation.



1. Design and construction
2. Equipment service and maintenance
3. LNG or CNG storage tanks
4. Pipeline and filtration system
5. Safety guarantee system construction
6. Staff training and management system construction

Mobile Daughter Gas Refill Station

The daughter gas refill station consists of gas cylinder group, compressor, dispenser, gas unloading column, metering system, gas filter, gas leakage alarming system, and 20ft or 40ft container.



This series of daughter gas filling stations can be fixed or mobile, with a capacity of 600-3000 standard cubic meters of natural gas that also designed with a 250bar compressors and gas dispensers, which can effectively meet the gas filling needs of small vehicles. Compared with traditional gas stations, it is lower cost and more flexible.

High quality products created under strict quality control system

Strict standard on product testing and process inspection is formulated to ensure product quality. From the moment when materials arrive in the workshop to the time for delivery, all the essential processes are under inspection and control by professional inspectors. Products with defects are not allowed to move to the next procedure unless the problems are well settled. Through complete quality control system, all-round control is performed over the aspects from design to production, from personnel to equipment, from process and material to the working site so as to satisfy the requirements of customers.



In order to make sure that product performance and quality meet the demanding requirements of our customers, advanced testing center is established in Pulita for new product design and delivery inspection. The inspection contents are in line with ISO8528 standard and performance requirements in special industry and regions.

Pulita has internationally advanced management and a reliable supply chain. More than ten years of production experience ensures excellent product quality and reliable after-sales service. At the same time, Pulita has passed ISO9001, ISO14001, ISO45001 and other system certifications.



Cases

Nigeria 5 Units LPG Generator Set



Nigeria 13 Units LPG Generator Set



Nigeria 200kW Gas Generator set



Nigeria Paralleling 200kWx2
Natural Gas Generator Set



Nigeria hospital
250kVA LPG Generator Set



Nigeria 250kVA LPG generator set



Nigeria 1250kVA CNG Generator



Nigeria 18Units
LPG Generator Set



Nigeria 400kVA
Gas Generator Set



After sales service

We are committed to providing exceptional after-sales service to ensure our customers in Nigeria have the best experience with our products. We have established offices and service center in Nigeria, with trained engineer and after sales staff who are ready to assist with any after-sales issues. We also built a warehouse in Nigeria, ensuring that spare parts and essential components are always available. This minimizes downtime and ensures that replacements and repairs can be carried out without delay.

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