

BNL10SE

Silent Type Gas Generator

Dual Fuel



Natural Gas

LPG

10KW



COST SAVING GREEN ENERGY

MAIN SPECIFICATIONS

Model No.		BNL10SE
Voltage	V	120, 230 , 120/240, 220/380
Phase No		Single/Three
Frequency	Hz	50/60
Prime Output	KW/KVA	10
Max. Output	KW/KVA	11
Gas engine Model		2V78FD
Alternator Model		PG10
Battery	V/AH	12/45
Noise Level@7m	dbA	60

ENGINE DATA

Engine Model		LIFAN LF2V78F-2
Engine type		Air-cooled,4-stroke, V-twin 2-Cylinder, OHV
Fuel Type		NG/LPG
Engine power	KW/RPM	12/3000
Bore x Stroke	mm	78 x 72
Displacement	cc	678
Compression Ratio		8.5:1
Aspiration		Naturally Aspired
Ignition system		Transistorized magneto ignition
Lubrication system		Splash
Governor system		Centrifugal mass type
Starting System		Electric Start
Cranking motor		12V 0.8KW
Air filter		Semi dry, Dual element
Carburetor		Butterfly

GAS CONSUMPTION RATE

NG	50% Load	m3/Hour	1.9
NG	100% Load	m3/Hour	3.2
LPG	50% Load	Kgs/Hour	2.0
LPG	100% Load	Kgs/Hour	3.0
Gas Connector dia.	mm/inch		24.5/1

ALTERNATOR DATA

Model		POWERGEN PG10
Rated Power	KW	10
Type		Synchronized, Brush
Power Factor		1/0.8
Voltage regulation		AVR
Insulation class		F

Dimensions & Weight

LxWxH (Generator)	mm	1150x670x740
LxWxH (Carton)	mm	1230x760x880
Net Weight	Kgs	230
Gross Weight	Kgs	255

FEATURES

1. Easy NG and LPG Conversion

- * Use a pressure reducing valve to reduce LPG pressure supply.
- * Pushing the button as attached pictures to the natural gas or LP vapor per the fuel which you want to use.
- * Push in for LPG and out for NG



Push In:LPG



Push Out:NG

2. Canopy of Super Silent

- * Sound/Noise Proof & Rain Proof
The noise level is much lower than any common gas generators, 60 dB @ 7meters.
- * Efficient heat radiation
The canopy is designed of high efficiency on heat radiation to prevent auto shut-down due to overheat inside.



3. Gas Engine with Battery Start

Engine Model: LF2V78F-2
Brand: LIFAN
Power: 20HP
Type: Air-cooled, V2 Cylinder, 678cc
Start method: Electric Start
Charging alternator: 12V 0.8KW
Battery: 12V45AH



4. Integrated Electrical Panel

Power Outlet/Socket (customized available)
Emergency stop button
Smartgen HSC940 Digital LCD Controller:
Voltage (V), Frequency(Hz), Working Hours
Fuel Switch, Power Switch
Main Circuit Breaker
Socket Circuit Breaker
ATS connection portal (optional)



5. NG/LPG Connector

- *High gas Power efficiency
- *Easy to connect with the gas hose/tube
- *Sealed and safe
- *Connector Diameter: 25.4mm/1inch



PICTURES



OPTIONAL



ATS



WATER-COOLED ENGINE



WHEELS

PACKING



OUR FACTORY

