

GENSET			BNC55R	
Standby Power	kVA	55	Engine Speed	Frequency
	kW	44	1500 rpm	50 Hz
Prime Power	kVA	50	Voltage	
	kW	40	400/230 V	

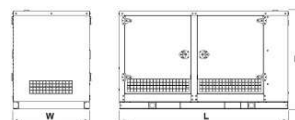
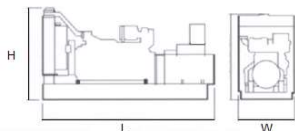


ENGINE

Brand		RICARDO
Model		N4100ZDS
Maximum Total Output Power	kW	46,2
Cylinders Quantity / Type		4 / Line
Cylinders Displacement	Lt.	3,62
Aspiration System		Turbocharged
Bore x Stroke	mm	105 x 120
Compression Ratio		18:01
Governor Type		Mechanic
Injection		Direct
Cooling		Water Cooled
Electrical System Voltage	VDC	24
Oil Capacity	Lt.	13
Engine Coolant Capacity	Lt.	19
Daily Fuel Tank Capacity	Lt.	118
Fuel Consumption (lt/h)	Load 100%	11
	Load 75%	7,5
	Load 50%	5,2

ALTERNATOR

Standby Power	kVA(kW)	55 (44)
Prime Power	kVA(kW)	50 (40)
Brand		BNC
Output Voltage	V	400/230
Insulation Class		H
Indication Of Protection		IP23
Number Of Phase		3
Power Factor (Cos Phi)		0,8
Number Of Pole		4
Frequency	Hz	50
Number Of Bearing		Single
Design		AVR / Brushless
Voltage Regulation		± 0,5%
T.Harmonic Distortions		< 2 %
Short Circuit Current		300%(10sec.)
Connection Type		Star
Overloading		110% For 1 Hour



OPEN VERSION			
Width (mm)	Length (mm)	Height (mm)	Dry Weight (kg)
850	1850	1220	780

CANOPY VERSION			
Width (mm)	Length (mm)	Height (mm)	Dry Weight (kg)
1030	2280	1260	1045

GEN-SET

- * Heavy duty diesel engine
- * Mechanic/Electronic governor system
- * Water cooled, 4 stroke, direct / indirect injection
- * Tropical type radiator
- * Maintenance free battery
- * Engine block water heater
- * Industrial type exhaust silencer

BASE FRAME

- * Mounted on the steel base chassis
- * Dial / electronic type fuel level indicator
- * Elastic vibration dampers between engine and frame

SOUNDPROOF & CANOPY

- * Noise isolation canopy design upon modular approach
- * Lockable doors on both sides of canopy
- * Canopy designed for easy and swift genset maintenance
- * Fully weatherproof
- * Base mounted lifting eyes and lifting points
- * Non-flammable acoustic foam



Standby Power (ESP): Emergency power under varying electrical load.
Prime Power (PRP): Nominal power under varying electrical load for unlimited hours. 10 % overload

All datas can be changed by BNC Generator without giving any information.



AMF CONTROL PANEL

- * Key informations displayed via the LCD screen
- * Simple push-button control;
- OFF-MANUAL-AUTO-TEST-START
- * Manual programming on control panel
- * Battery Charger
- * Multi lingual control panel with microprocessor
- * Emergency stop button, light and sound alarm siren
- * Digital LCD display provides simple, intuitive menu navigation and control of generator set operation
- * Remote control with GSM modem (option)