

BOT EQUIPMENT SPECIFICATION SHEET

ZONE II 100KVA GENERATOR/ 130CFM COMPRESSOR COMBINATION

UNIT No.EES-GEN-013



ZONE II 100KVA GENERATOR/ 130CFM COMPRESSOR

COMBINATION UNIT



Application

This generator no. EES-GEN-013 is constructed from the highest-grade materials and using with single engine and you can be choosing each of generator or air compressor in order to work multi-functional applications and also that is helped to save working areas and save transportation cost. This gen is controlled by fully electronic controlled system, high efficient energy-saving and troubleshooting diagnostic.

Features

- Engine monitoring and controlling are also incorporated into the unit control panel.
- The Cummins 6CTA8.3-C240 - Emission Standard Euro II
- The 6CTA 8.3 leverages a simple mechanical designed fuel injection system along with a base engine that can be rebuilt using common tools.
- The 6CTA 8.3-C240 can be adapt to harsh working conditions, high strength, heavy duty operation.
- Intake method – Turbocharger & Intercooled
- Atlas Copco XAS97 Dd stringent manufacturing standards follow ISO 9001 quality assurance regulations.
- GENCO EEC – Alternator
- Zone II Generator

Engine Specification

Specification	Details
Engine	6CTA8.3-C240
model	6 cylinders in line
Engine type	8.3 L
Displacement	179 kW/240HP @
Rated Power	2200rpm 1028N.m @ 1500
Peak Torque	rpm

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UNIT Generator Specification

Specification	Details
Manufacturer	GENCO EEC
	Brushless alternator Model: RF280/Z2/
Output Rating	100KVA 415/240V 3ph 50Hz 1500rpm Totally enclosed, Air cooled non sparking, to ExnIIT3, IEC600079-10 Atex 3G Specification, Totally Enclosed TEFC cooled IP 55 protection. Class H insulation, Class H Temp rise Continuously rated, twin bearing.
Explosion Proof AC Panel	Class 1, Group B,C & D UL Listed

Compressor air Specification

Specification	Details
Model	XAS 97 Dd
Free Air Delivery @ Normal Working Pressure (ISO1217 standard)	3.7 m ³ /min 130 CFM
Normal Working Pressure	7 bar 102 Psig
Minimum / Maximum Unloading	2.9 / 8.7 bar
Pressure Compression Stages	1
Outlet	Chicago 150 lbs x 5

Dimensions

Length	405.00 Cms
Width	180.00 Cms
Height	270.00 Cms
Weight	6.50 MT