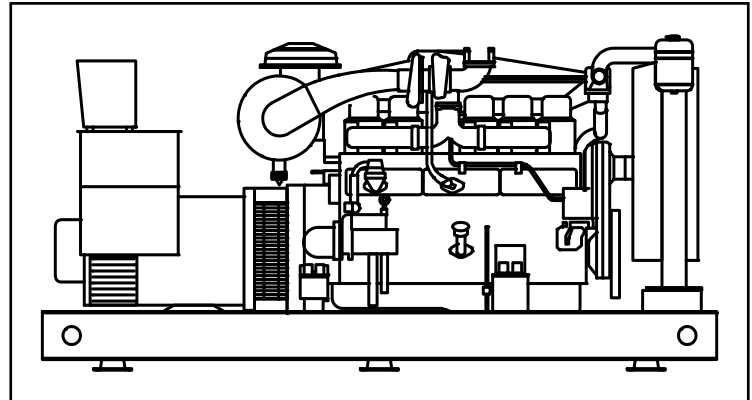


RATED OUTPUT

	60 HZ	50 HZ
Standby	125 KW	140 KVA
Prime	115 KW	130 KVA

OVERALL DIMENSIONS

Length	100 Inches
Width	32 Inches
Height	60 Inches
Dry Weight	3200 Pounds



PERFORMANCE CHARACTERISTICS

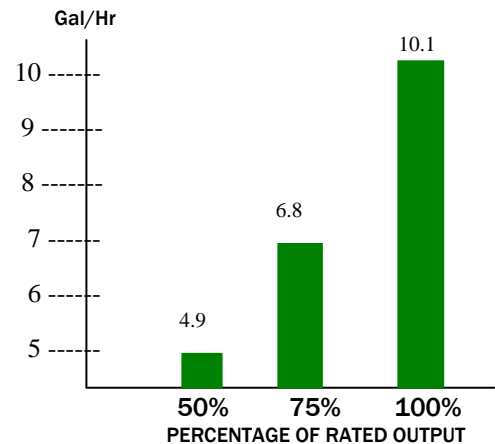
Standard Rudox Generator Sets have high performance components to meet the toughest applications

- Precise Voltage Regulation**
 ± ½% Steady State
 ± 1% from no load to full load
- Precise Frequency Control**
 Precision mechanical governor with 5% droop, no load full load, and ± ¼% steady state.
- Permanent Magnet Excitation**
 Provides excellent performance with heavy SCR loads. Fast recovery on sudden application of full load. (3-6 seconds typical)
- High Motor Starting Capacity**
 250% of capacity for 10 seconds
 300% full load current available for 10 sec. during short circuit condition.
- Fast Starting**
 Load transferred in 5-10 seconds depending on starting accessories
- Paralleling Options**
 Controls can be added for completely automatic multi-unit synchronization and load sharing

FUEL CONSUMPTION

The Iveco Engine is an efficient engine as demonstrated by its low fuel consumption.

125 KW of Power for only 10.1 Gallon Per Hour



Voltage Range

	3 Wire	416 - 480
		208 - 240
60 HZ	_____	
	4 Wire	240/416 - 277/480
		120/208 - 138/240

	3 Wire	346 - 415
50 HZ	_____	
	4 Wire	200/346 - 240/415

Note: Other voltage available on request

RUDOX

THE COMPLETE SUPPLIER OF QUALITY PRODUCTS SALES – RENTALS – PARTS - SERVICE

GENERATOR SET SPECIFICATIONS

RI125

		STANDBY		PRIME	
		60 HZ	50 HZ	60 HZ	50 HZ
Engine Speed	(RPM)	1800	1500	1800	1500
Engine H. P.	(Gross HP)	198	173	180	158
Generator Output	(KW)	125	112	115	104
Generator Output	(KVA)	155	140	145	130
Cooling Air Flow	(CFM)	15467	12925	15467	12925
Combustion Air Flow	(CFM)	407	329	338	273
Heat Rejection to Ambient	(BTU/MIN)	1303	1322	1183	1207

DIESEL ENGINE

Type	4 Cycle, Water-Cooled, Turbo Charged, After-Cooled (air/air)
Combustion Chamber	Direct Injection
Cylinder Arrangement	In Line 6 Cylinder
Displacement	409 Cubic Inches
Exhaust Flex Diameter	3.25 inches (inside)
Muffler Diameter	5 Inches (inside)
Fuel Suction-Size; Max Flow (GPH)	1/2 Inch NPT; 19 GPH
Fuel Return-Size; Max Flow (GPH)	3/8 Inch NPT; 18 GPH

STANDARD EQUIPMENT

- Iveco NEF 67TM2 4 Cycle Diesel Engine EPA Cert. Tier II
- Newage Stamford Generator (UCI274E) with static voltage regulator (MX341) and permanent magnetic excitation rated per NEMA code
- Heavy duty structural steel subbase
- Stanadyne mechanical fuel pump system
- Unit mounted Control Panel with:
 - Automatic Start/Stop Control; Unit display of: Oil Pressure; Battery Voltage; Coolant Temp.; Engine Hours; Amps. , Volts per Phase and Frequency
- Unit mounted radiator for 105 degree amb.
- 12 Volt electric start system with battery charging alternator
- Engine Safety Shutdowns
 - Low Oil Pressure; High Coolant Temperature; Overspeed; Overcrank
- Generator Safety System for:
 - over/under voltage; over/under frequency
- Residential Silencer with stainless steel flexible connection
- 12 Volt lead acid battery, rack and cables
- Flexible fuel lines

OPTIONAL EQUIPMENT

- Critical Silencer
- Heat Exchanger Cooling
- Electronic Governor for 0% droop
- Outdoor Enclosures
- Day Tank
- Automatic Transfer Switch
- Mainline Circuit Breaker
- Remote Annunciator
- High Ambient Radiator
- Load Bank
- Vibration Dampers
- Paralleling Controls
- Pre-Alarms
- Low Temperature Rise Generator
- Battery Charger
- Extreme Dust Air Cleaner
- Sound Attenuated Enclosure
- High Voltage Generator 4160
- Remote Communication
- GENCON digital Controller
- Others as Required