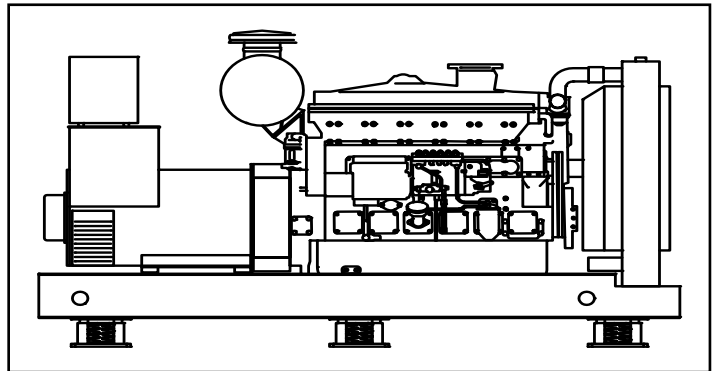


RATED OUTPUT

	60 HZ	50 HZ
Standby	250KW	275 KVA
Prime	230 KW	250 KVA

OVERALL DIMENSIONS

Length	120 Inches
Width	45 Inches
Height	65 Inches
Dry Weight	6000 Pounds



PERFORMANCE CHARACTERISTICS

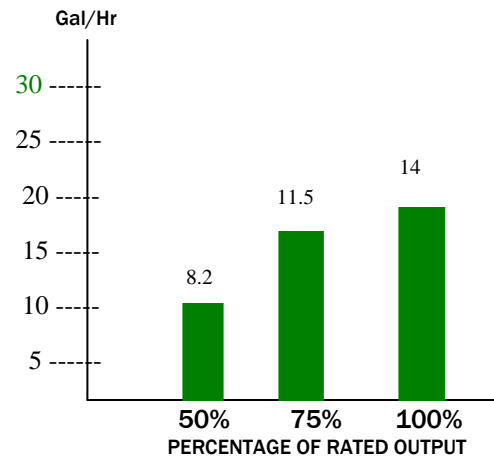
Standard Rudox Generator Sets have high performance components to meet the toughest applications

- Precise Voltage Regulation**
 ± ½% Steady State
 ± 1% from no load to full load
- Precise Frequency Control**
 The Woodward PSG isochronous 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.

**250 KW of Power for only
14.0 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

RI250

		STANDBY		PRIME	
		60 HZ	50 HZ	60 HZ	50 HZ
Engine Speed	(RPM)	1800	1500	1800	1500
Engine H. P.	(Gross HP)	362	318	326	294
Generator Output	(KW)	250	220	230	200
Generator Output	(KVA)	312	275	287	250
Cooling Air Flow	(CFM)	13400	10400	13400	10400
Combustion Air Flow	(CFM)	918	777	812	706
Heat Rejection to Ambient	(BTU/MIN)	2400	2100	2200	1900

DIESEL ENGINE

Type	4 Cycle, Water-Cooled, Turbo Charged, Air to Air Aftercooled
Combustion Chamber	Direct Injection
Cylinder Arrangement	In Line 6 Cylinder
Displacement	476 Cubic Inch
Exhaust Flex Diameter	5 Inches (inside)
Muffler Diameter	6 Inches (inside)
Fuel Suction-Size; Max Flow (GPH)	5/8 Inch NPT; 18.5 GPH
Fuel Return-Size; Max Flow (GPH)	1/2 Inch NPT; 3 GPH

STANDARD EQUIPMENT

- Iveco 78TE2 4 Cycle Diesel Engine
- Newage Stamford Generator (HCI434D) with 3 phase static voltage regulator (MX341) and permanent magnetic excitation rated per NEMA code
- Heavy duty structural steel subbase
- Bosch type electronic fuel injection system with electronic governor
- Unit mounted Control Panel with:
Automatic Start/Stop Control; Displays for:
Oil Pressure; Battery Voltage; Water Temp.;
Engine Hours; Amp and Volts Per Phase;
Frequency
- Unit mounted radiator for 105 degree amb.
- 24 Volt electric start system with battery charging alternator
- Engine Safety Switches
Low Oil Pressure; High Water Temperature;
Overspeed; Overcrank
- Residential Silencer with stainless steel flexible connection
- 24 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 or 13800
- Remote Communication
- GENCON Digital Controller
- Others as Required