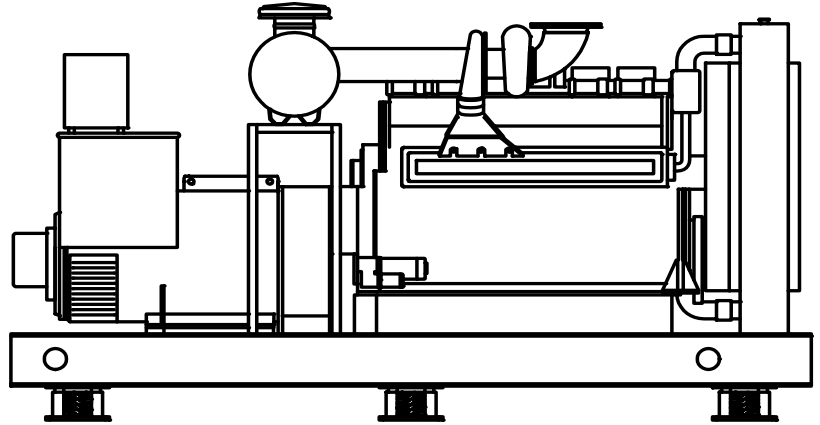


### RATED OUTPUT

	<b>60 HZ</b>	<b>50 HZ</b>
Standby	400KW	450 KVA
Prime	360 KW	400 KVA

### OVERALL DIMENSIONS

Length	150 Inches
Width	50 Inches
Height	72 Inches
Dry Weight	10200 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 Bosch Electronic isochronous governor with 0% 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

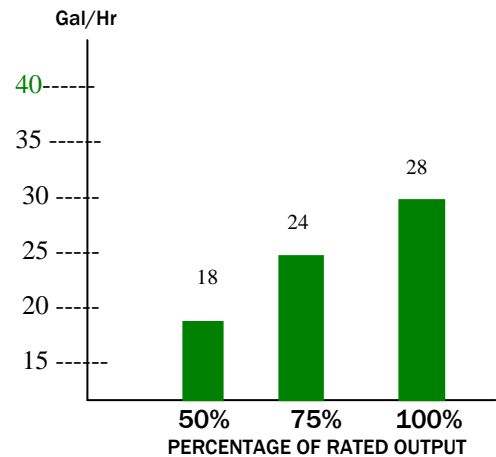
**-Paralleling Options**

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.

**400 KW of Power for only  
28 Gallon Per Hour**



### Voltage Range

60 HZ	3 Wire	416 - 480
		208 - 240
50 HZ	4 Wire	240/416 - 277/480
		120/208 - 138/240
	3 Wire	346 - 415
	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

RI400

		STANDBY		PRIME	
		60 HZ	50 HZ	60 HZ	50 HZ
Engine Speed	(RPM)	1800	1500	1800	1500
Engine H. P.	(Gross HP)	563	550	507	496
Generator Output	(KW)	400	360	360	320
Generator Output	(KVA)	500	450	450	400
Cooling Air Flow	(CFM)	14500	12000	14500	12000
Combustion Air Flow	(CFM)	1165	1042	1150	940
Heat Rejection to Ambient	(BTU/MIN)	3700	3200	3330	2900

### DIESEL ENGINE

Type	4 Cycle, Water-Cooled, Turbo Charged, Air to Air intercooler
Combustion Chamber	Direct Injection
Cylinder Arrangement	In Line 6 Cylinder
Displacement	786 Cubic Inch
Exhaust Flex Diameter	6 Inches (inside)
Muffler Diameter	8 Inches (inside)
Fuel Suction-Size; Max Flow (GPH)	1 Inch NPT; 85 GPH
Fuel Return-Size; Max Flow (GPH)	¾ Inch NPT; 81GPH

### STANDARD EQUIPMENT

- Iveco 13TE3 4 Cycle Diesel Engine
- Newage Stamford Generator (HC534C) with 3 phase static voltage regulator (MX321) and permanent magnetic excitation rated per NEMA code
- Heavy duty structural steel subbase
- Bosch type fuel 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
- 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