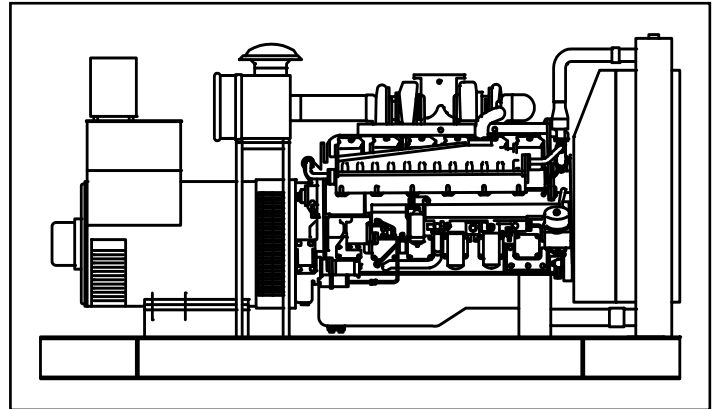


RATED OUTPUT

	60 HZ	50 HZ
Standby	700KW	780 KVA
Prime	630 KW	700 KVA

OVERALL DIMENSIONS

Length	160 Inches
Width	65 Inches
Height	83Inches
Dry Weight	14000 Pounds



PERFORMANCE CHARACTERISTICS

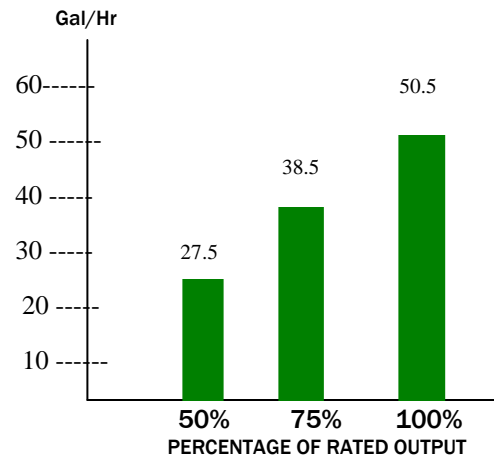
Standard Rudox Generator Sets have high performance components to meet the toughest applications

- 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.

**700 KW of Power for only
50.5 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

RI700

		STANDBY		PRIME	
		60 HZ	50 HZ	60 HZ	50 HZ
Engine Speed	(RPM)	1800	1500	1800	1500
Engine H. P.	(Gross HP)	1089	925	929	845
Generator Output	(KW)	700	624	630	560
Generator Output	(KVA)	875	780	787	700
Combustion Air Flow	(CFM)	2600	2083	2119	1871
Cooling Air Flow	(CFM)	48700	40300	48700	40300
Heat Rejection to Ambient	(BTU/MIN)	5814	4876	4964	4393

DIESEL ENGINE

Type	4 Cycle, Water-Cooled, Turbo Charged, Air to Air Aftercooled
Combustion Chamber	Direct Injection
Cylinder Arrangement	90 Degree Vee 8 Cylinder
Displacement	1220 Cubic Inch
Exhaust Flex Diameter	8 Inches (inside)
Muffler Diameter	10 Inches (inside)
Fuel Suction-Size; Max Flow (GPH)	1 Inch NPT; 75 GPH
Fuel Return-Size; Max Flow (GPH)	3/4 Inch NPT; 50 GPH

STANDARD EQUIPMENT

- Iveco, Vector 720 4 Cycle Diesel Engine
- Newage Stamford Generator (HCI634G) with 3 phase static voltage regulator (MX321) and permanent magnetic excitation rated per NEMA code
- Heavy duty structural steel subbase
- Bosch common rail injection type fuel system with Electrical 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