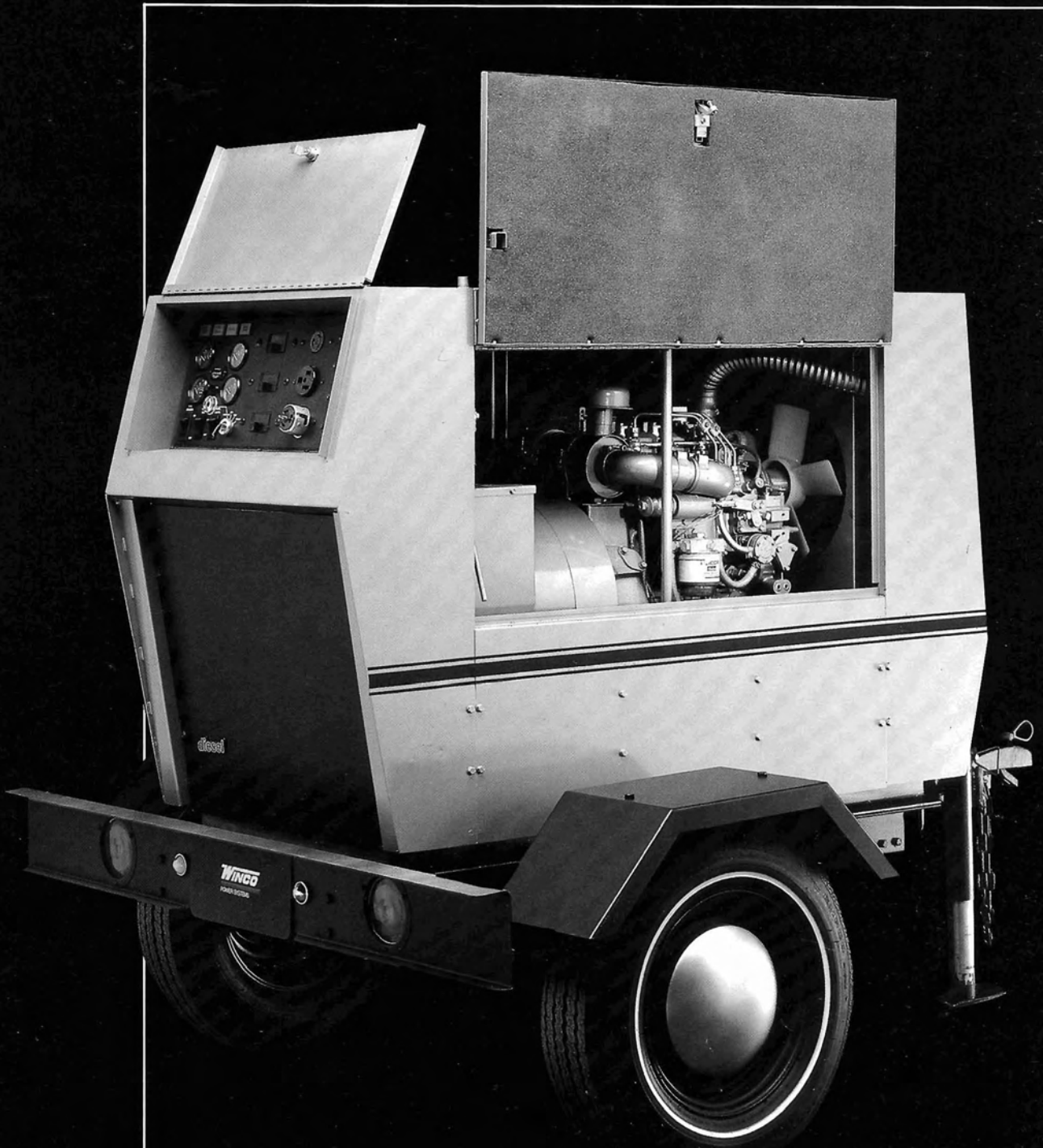
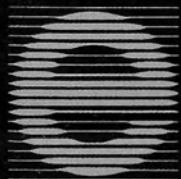


**WINCO**

**DIESEL GENERATORS  
7KW AND 15KW**



**Earth  
Energy  
Systems  
Inc.**



- Lockable sound attenuated housing
- Single point lifting eye
- 20 gallon fuel tank
- Low oil pressure shutdown
- High engine temperature shutdown
- Overspeed shutdown
- Fuel gauge

- Engine gauges
- Running time meter
- Receptacles
- Optional Trailer

*"The Quiet Ones"*



## 7KW DIESEL GENERATOR

**Type:** Brushless, 4 pole rotating field.

**Bearing:** Heavy-duty ball bearing, prelubricated and double sealed against dirt and moisture for smooth long life operation.

**Exciter:** Lundell type. Simple, reliable, easy to service. Exciter ring slips off in one piece. Rectifier plate and exciter armature also comes off easily, exposing rotor bearing. Three phase full wave bridge rectification.

**Temperature rise:** Temperature rise at rated load and power factor meets NEMA, Class F MG1-22.40.

**Insulation:** Class F as defined by NEMA MG1-1.65. Rotating field windings "wet wound" with a thixotropic heat reactive epoxy compound.

**Standards:** All generators meet IEEE and NEMA standards.

**Voltage Regulation:**  $\pm 7\%$  no load to full load, inherently regulated.

## 15KW DIESEL GENERATOR

**Type:** 2 pole, revolving armature, direct drive, capacitors are included on both load circuits and exciter circuit to minimize interference on radio and television.

**Voltage Regulation:**  $\pm 7\%$  no load to full load, inherently regulated.

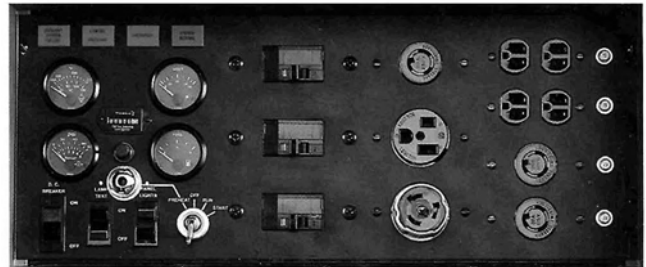
**Temperature Rise:** Temperature rise at rated load and power factor is within NEMA MG1-22.40 specifications.

**Bearing:** Heavy-duty ball bearing, prelubricated and sealed for smooth, long life application.

**Insulation:** Class A as defined by NEMA MG1-1.65.

**Standards:** All generators meet IEEE and NEMA standards.

## CONTROL PANEL



- High coolant temperature shutdown and light
- Low oil pressure shutdown and light
- Engine overspeed shutdown and light
- System normal indicator light
- Backlighted engine gauges
- DC voltmeter
- Coolant temperature gauge
- Running time meter
- Fuel level gauge
- Oil pressure gauge
- DC breaker
- Start-stop switch
- Panel light switch
- Indicator light test switch
- Field circuit breaker
- Receptacles
  - 2 120v (NEMA 6-20R, duplex "U" ground, 20 amp) with 20 amp single pole breakers
  - 2 120v (NEMA L5-20R, 3-wire twist lock, 20 amp) with 20 amp single pole breakers
  - 1 240v (NEMA L6-20R, 3-wire twistlock, 20 amp) with 20 amp 2 pole breaker
  - 1 240v (NEMA 6-50R, 3-wire straight blade, 50 amp) with 50 amp 2 pole breaker
  - 1 240v (NEMA L6-50R, 3-wire twistlock, 50 amp) with 50 amp 2 pole breaker

	Kubota B950-bg	Kubota VH1100B
Engine Type	Liquid cooled 3 cyl.	Liquid cooled 4 cyl
Bore and strokes	2.95 x 2.76	2.83 x 2.76
Displacement	56.6 cubic inches	69.6 cubic inches
RPM	1800	3600
Brake HP	14 hp @ 1800 RPM	28 hp
Starting	12V electric	12V electric
Charging alternator	12½ amps	12½ amps
Battery	70 amp hour	70 amp hour
Battery tray & cables	Standard	Standard
Oil capacity	5 quarts	6 quarts
Fuel capacity	20 gals.	20 gals.
Fuel consumption	.75 gallons per hour (full load)	1.8 gallons per hr. (full load)
Cooling system capacity	6 quarts	6 quarts
Fuel filter/water separator	Racor	Racor
Watts	7000	15000
Volts	120/240	120/240
Amps	60/30	125/62.5
Phase	1	1
Wire	3	3
Power factor	1.0	1.0
Length	60"	60"
Width	28"	28"
Height	38"	38"
Weight	1200#	1150#

## OPTIONAL TRAILER KIT (unassembled)

Meets highway standard

P175, 13 inch tires with wheel covers

Removable tongue

Croft ball coupler, fits 1¼ to 2- inch ball, 5000 pound capacity, Class I, II or III.

Optional pintle hitch adapter, 3000 pound capacity, Class II.

Jack stand with pad

Earth Energy Systems, Inc. continually improves its products and therefore reserves the right to change the design, materials and/or specifications without notice.



250 Prairie Center Drive  
Eden Prairie, Minnesota 55344-5398  
(612) 829-1933 Telex 29-0753 EESI EDPR