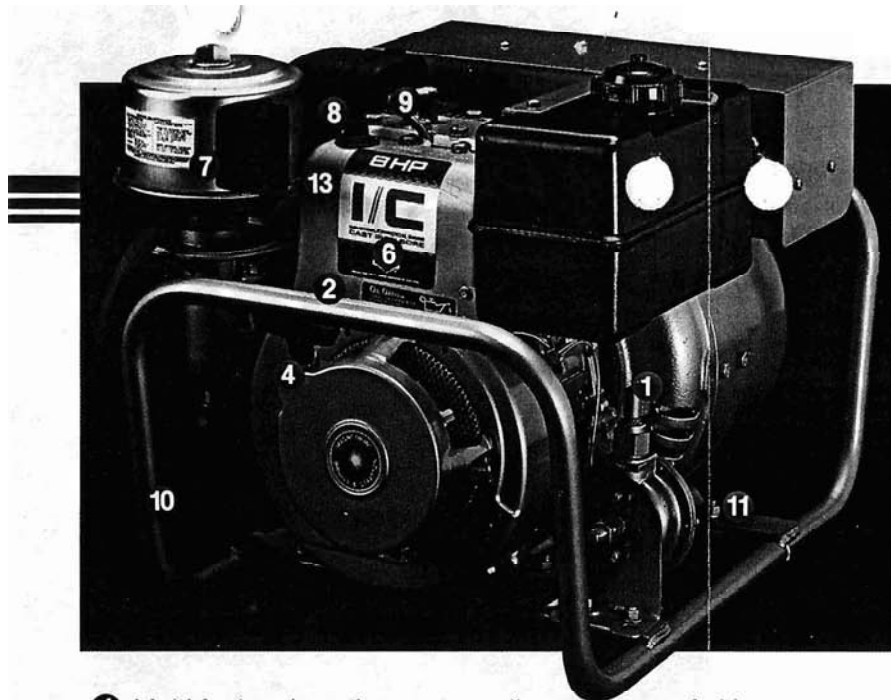


51-4000 GENERATOR

WINGCO®

WITH BUILT IN VALUE



- 1 Multi-fuel carburetion system allows the use of either gasoline, LPG (propane), or natural gas.
- 2 Low oil shutdown automatically protects the engine.
- 3 Pushbutton electric start (requires a 12-volt battery) gives fast, sure starts.
- 4 Easy recoil manual starting without a battery or if the battery is dead.
- 5 Four 120-volt and one 240-volt household type outlets.
- 6 Briggs & Stratton I/C® (industrial/commercial) engine is extra tough, professional quality for long life dependability.
- 7 High capacity dual element air cleaner protects the engine.
- 8 Super low tone muffler; aluminized to protect against corrosion and deterioration.
- 9 Spark plug cover protects the operator from potential shock by prohibiting accidental contact with the spark plug.
- 10 Carrying cradle provides protection from physical damage to the set and makes it easily portable.
- 11 Four rubber foot pads reduce vibration transmission and protect finished surfaces.
- 12 Extended oil fill and dipstick tube is readily accessible.
- 13 Rotary stop switch provides convenient ignition shutoff.

Mainline circuit breaker protects equipment from damage by disconnecting the generator from the load during an overload or short circuit. (It functions the same as a residence electrical distribution panel circuit breaker.)

Automatic 4-amp battery charging circuit keeps the battery charged.

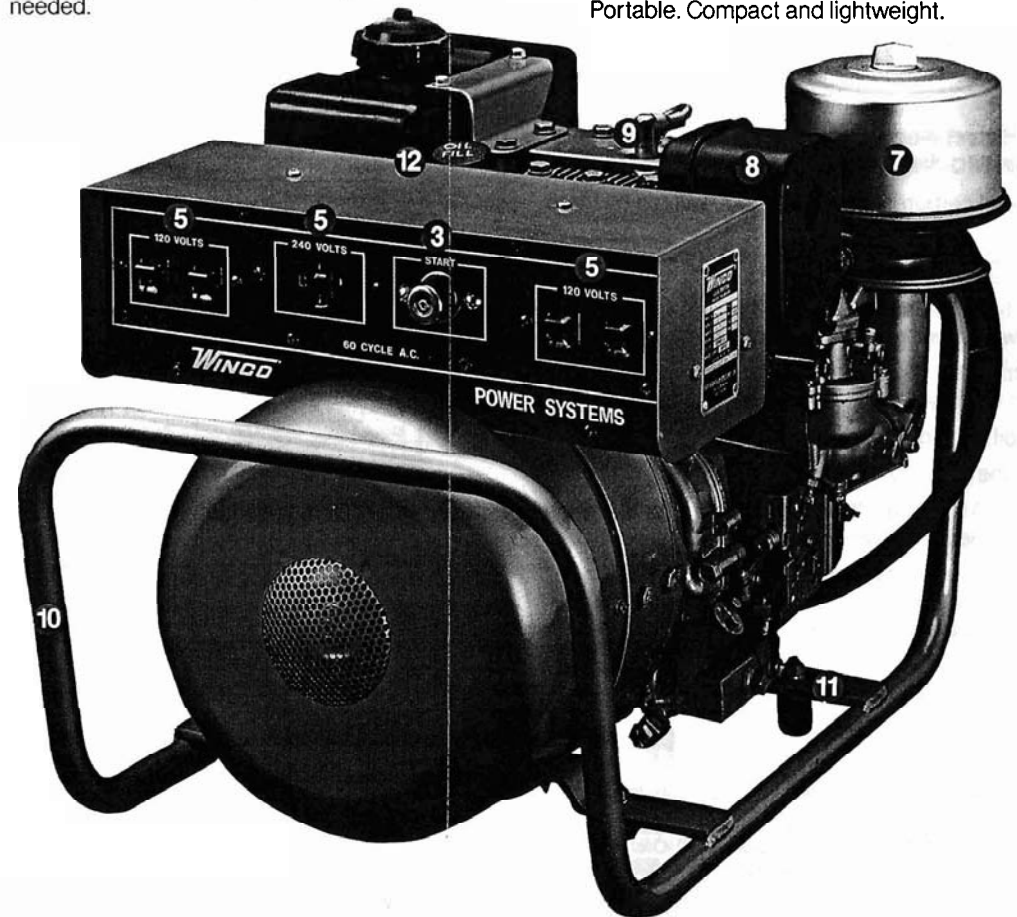
Long life, permanently lubricated, smooth running double sealed ball bearing generator bearing.

Magnetron® ignition is a maintenance-free, electronic system which develops longer spark durations than CD, yielding quicker, more dependable starts. No ignition adjustment is ever needed.

Cast iron sleeve integrally cast into the engine cylinder provides years of trouble-free low maintenance.

Cobalite® exhaust valve and seat increases the engine life up to five times through greater resistance to deterioration from normal heat and wear.

Maximum up time for your convenience and security based on dependable components proven in rough and tough contractor applications. Backed up with a one-year warranty. Portable. Compact and lightweight.



Restart your home . . . with a WINCO® generator

A power outage can occur anytime, without warning. Your life may be put on hold by a loss of power. But it can be more than an inconvenience. It can be expensive, create a safety hazard, or it can be life threatening. A power outage may happen when you least expect it. Overcome a power crisis and minimize disruption to your family for security and peace of mind with a Winco generator.

The Winco SPE4000 will keep your household functioning rather than being in the dark. While others are complaining and waiting for electricity, you can power your lights, refrigerator, freezer, sump pump, well pump, furnace blower or air conditioner. Consult the load application chart to determine your requirements.

Use the SPE4000 for electric tools when a power cord won't reach.

Use the SPE4000 at a cabin, when camping or hunting, or at a park. It will power electric chain saws, tools, lights, hair dryer, lawn trimmer, radio, TV, etc.

Standard Features of the Model SPE4000

- Multifuel carburetion; the SPE4000 will run on three fuels:
 - Gasoline — 1 gallon fuel tank included
 - LPG
 - Natural Gas
 Use whichever is available or most convenient.
- Electric start — convenient start/stop switch with recoil start backup.
- Low oil shutdown engine protection.
- Mainline circuit breaker protection
- Both 120 volt and 240 volt receptacles for the same type of electric power as from household outlets.
- All copper wound generator and an industrial/commercial engine — the same components, design, and quality that are used in our professional models.
- 4,000 watts of compact, heavy duty power — only 136 pounds.
- One year factory warranty.
- Designed to meet or exceed top standards —



Specifications

Generator	
Continuous Rating	4,000 watts
Voltage	120/240 volts
Motor Starting Ability (Code G capacitor start)	1 HP
Engine	
Brand	Briggs & Stratton I/C
Displacement	19.44 cu. in. (\$19 cc)
Running Time (Gasoline), Full load	1.2 Hours
Running Time (Gasoline), ½ load	1.7 Hours
Dimensions and Weight	
Length	25 inches
Width	17¾ inches
Height	18 inches
Net Weight	136 pounds
Shipping Weight	156 pounds
Optional Equipment	
12V 70 amp starting battery, battery cables	

Electrical Load Application Chart

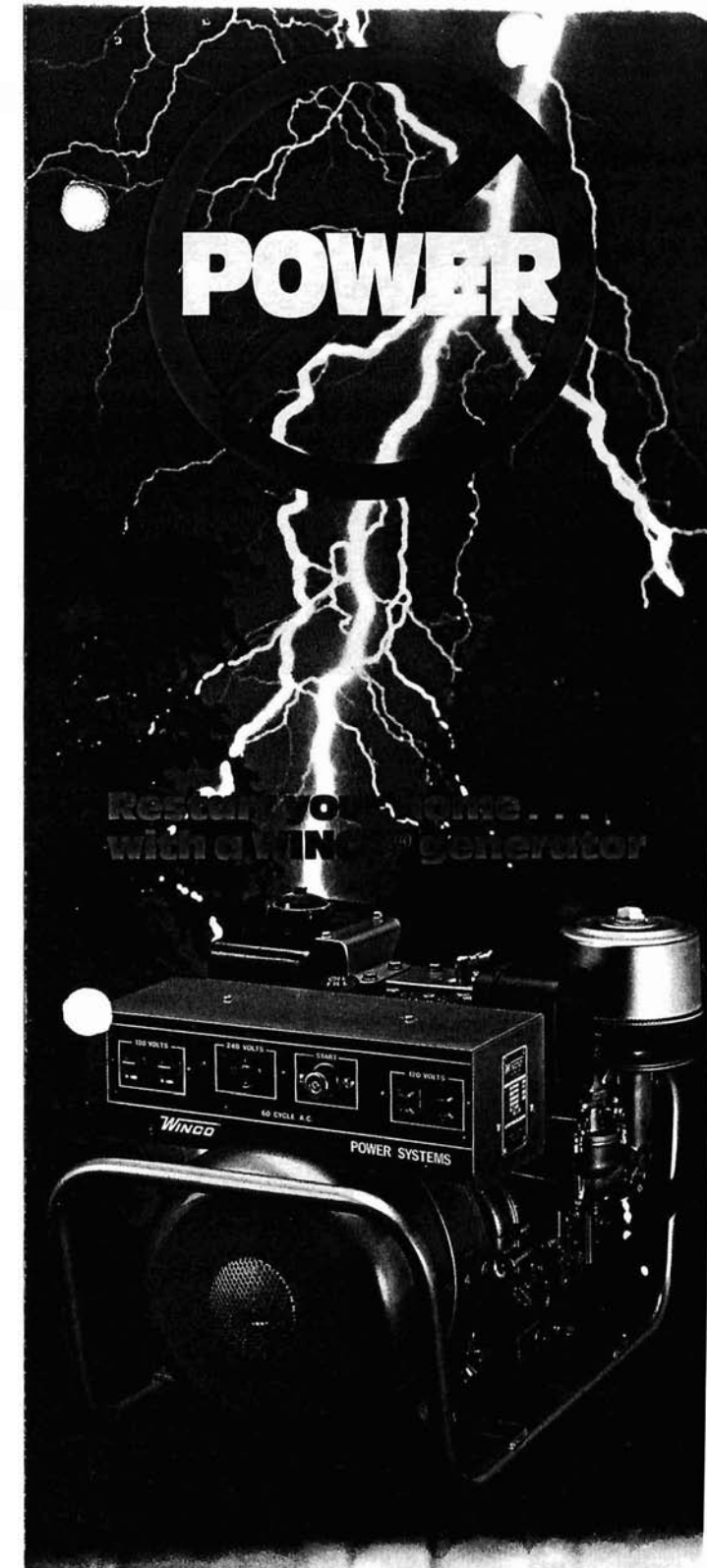
Kitchen Appliances	Approx. Watts (Running)	General Household Equipment Cont.	Approx. Watts (Running)
Blender	200-350	Light bulbs	(as indicated)
Broiler	1400	Movie projector	300-1000
Coffee maker	300-1500	Radio	40-300
Corn popper	460-650	Sewing machine	100-500
Deep fat fryer	1500	Space heater	600-2000
Disposal	350-450*	Sunlamp	250-850
Exhaust fan	250	Tape recorder	100
Freezer	300-800**	Television	40-500
Frying cooker	1000-1500	Typewriter	30
Frying pan	150	Vacuum cleaner	600-1000
Griddle	450-1000	Vaporizer	200-500
Microwave oven	700-1500	Window air conditioner	1500*
Mixer	50-235	Misc. Home Equipment	
Range (per element)	1000-1500	Band saw	500*
Refrigerator/freezer	200-500**	Battery charger	600-750
Roaster	1320	Chain saw	1200
Skillet	1000-1350	Circular saw	1200
Slow cooker	300	¼" drill	250
Toaster	450-1200	¾" drill	350
Waffle iron	550-1300	½" drill	600
General Household Equipment		Edger	110*
Attic Fan	350-400*	Hedge trimmer	3*
Blanket	150-300	½" impact wrench	900
Broom	200-500	Lawnmower	1000
Clock	1-10	Paint sprayer	250*
Clothes dryer (gas heat)	325*	Pruning saw	500
Clothes washer	200-600*	Router	700
Dehumidifier	300-500	Saber saw	250-500
8"-16" fan	50-200*	Sander	400-600
Furnace blower	300-700*	Snow blower	800
Hair dryer	500-1500	Soldering iron	60-500
Heat lamp	125-250	Sump pump	400*
Humidifier	500	Water pump	300-500*
Iron	600-1200	Weed trimmer	400

*These items have motors that normally require 3 times or more power to start than to run.
 **Refrigerators and freezers may require a 10 min. waiting period after running to restart due to a build-up in pressure.
 WINCO constantly strives to improve its products and therefore reserves the right to change design, materials and/or specifications without notice.



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From 20-4-786
 Printed in the U.S.A



Wiring Diagram 63584
 Schematic N/A
 Generator Parts
 Unassembled 57095-6
 Complete Unit
 Part # 62727-3

 ** REPAIR **
 ** PARTS LIST **
 ** #763 **

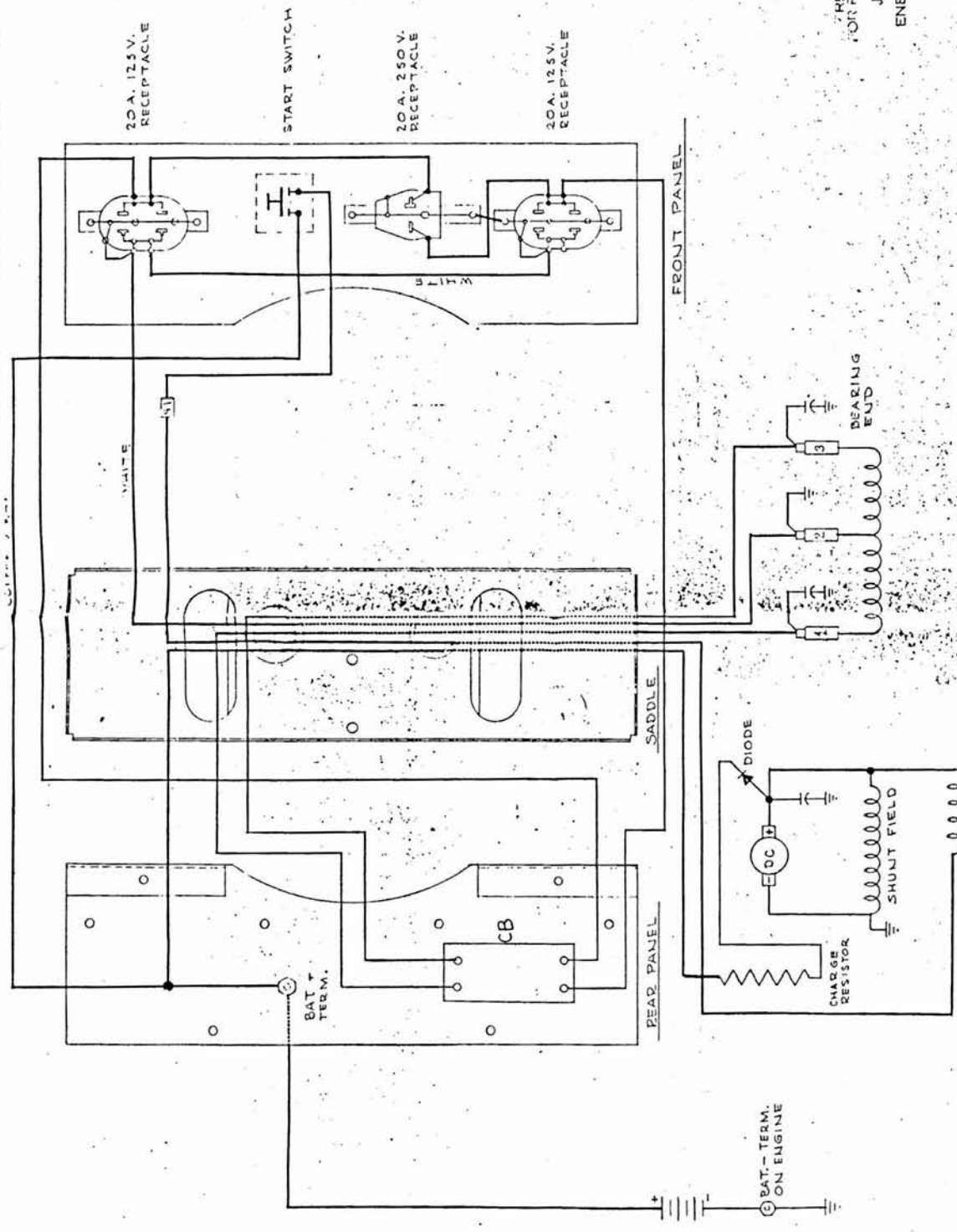
Size 4000 Watts
 Drive Direct
 Type Two Pole
 Model # SPE4000/A

<u>DESCRIPTION</u>	<u>PART #</u>	<u>QTY</u>
Armature (less bearing)	62120-1	1
Armature Bearing	55223	1
Armature thru Bolt	23197-2	1
Fan Assy.	55101	1
Fan Washer	23558	1
Fan Lockwasher	55224	1
Fan Nut	23605	1
Field Coil	61087	1
Field Coil	61087-1	1
Shell & Bracket Assy.	56917	1
Pole Shoe	24851	2
Pole Shoe Retainer	24849	2
Engine Adapter Bracket	54178	1
End Cover Assy.	55007	1
Receptacle	50766	2
Receptacle (230V)	57642	1
Brush Rack Assy. (L.H.)	62119	1
Brush Rack Assy. (R.H.)	62119-1	1
A.C. Brush	23607	6
A.C. Brush Holder	59690	6
D.C. Brush	41393	2
A.C. Condenser	41221	2
D.C. Condenser	41180	1
Resistor <u>Assy.</u> (Charge)	62118 Resistor 24236-0	1
Cradle	62121	1
Start Switch	2210	1
Rubber Feet	23770	4
Circuit Breaker (20A-2PL-240V)	57030-1	1
Gas Regulator	55501	1
Carburetor Adapter	63581	1
Air Cleaner Plate	63587	1
Control Box	59115-5	1
Fuel Line Kit	62649	1
Muffler	043304	1

Engine Make Briggs & Stratton Model # 195432 Part # 63579



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RELEASED FOR PRODUCTION
 JUN 27 1983
 ENERGEX CORP.

ALL DIMENSIONS UNLESS OTHERWISE SPECIFIED ARE IN INCHES—WORK TO DIMENSIONS—DO NOT SCALE—MATERIALS TO BE APPROVED BY DYMA TECHNOLOGY INC.—ENGINEERING DEPT—DO NOT PROCEED WITH PRODUCTION UNLESS OTHERWISE SPECIFIED—REVISIONS 2/7/84

DESIGNED BY: J.R.L. 11-19-85
 DRAWN BY: [Signature]
 CHECKED BY: [Signature]
 APPROVED BY: [Signature]

DATE: 11-19-85
 SHEET: 1 OF 1
 TITLE: WIRING DIAGRAM

WINDO COMPANY OF DYMA TECHNOLOGY, INC. C-63584

NOTE:
 1. CONDUCTORS ARE SHOWN DASHED WHERE THEY PASS UNDER SADDLE.
 2. COLOR ADJACENT TO CONDUCTOR INDICATES COLOR OF INSULATION. WHERE NO COLOR IS SHOWN, INSULATION IS BLACK.