

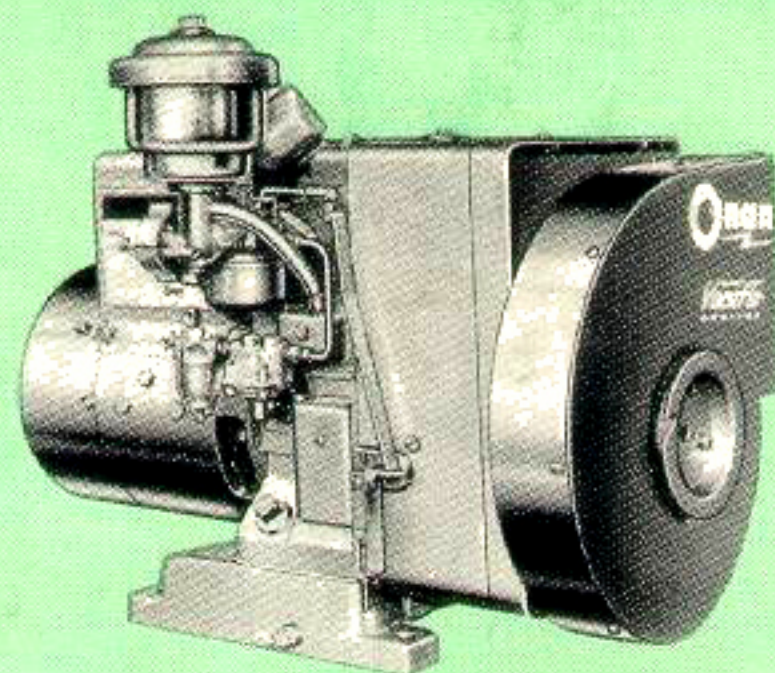
We build our future into every Onan Product



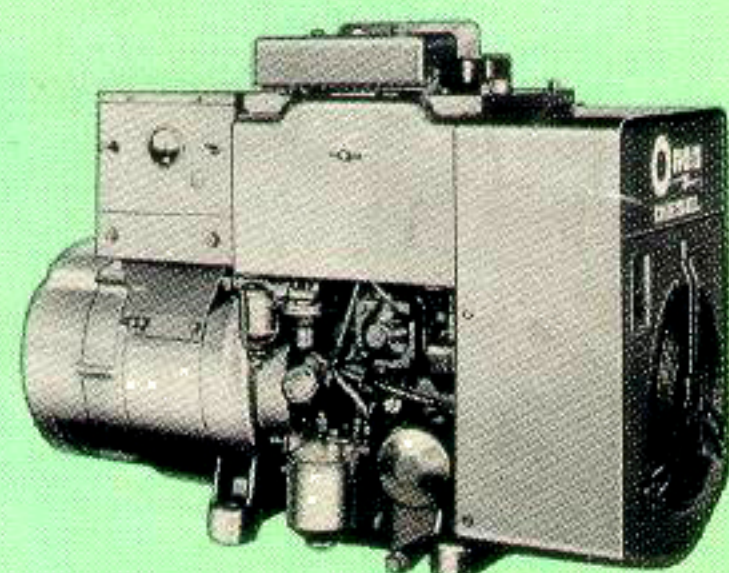
ELECTRIC PLANTS

UsefulCDs

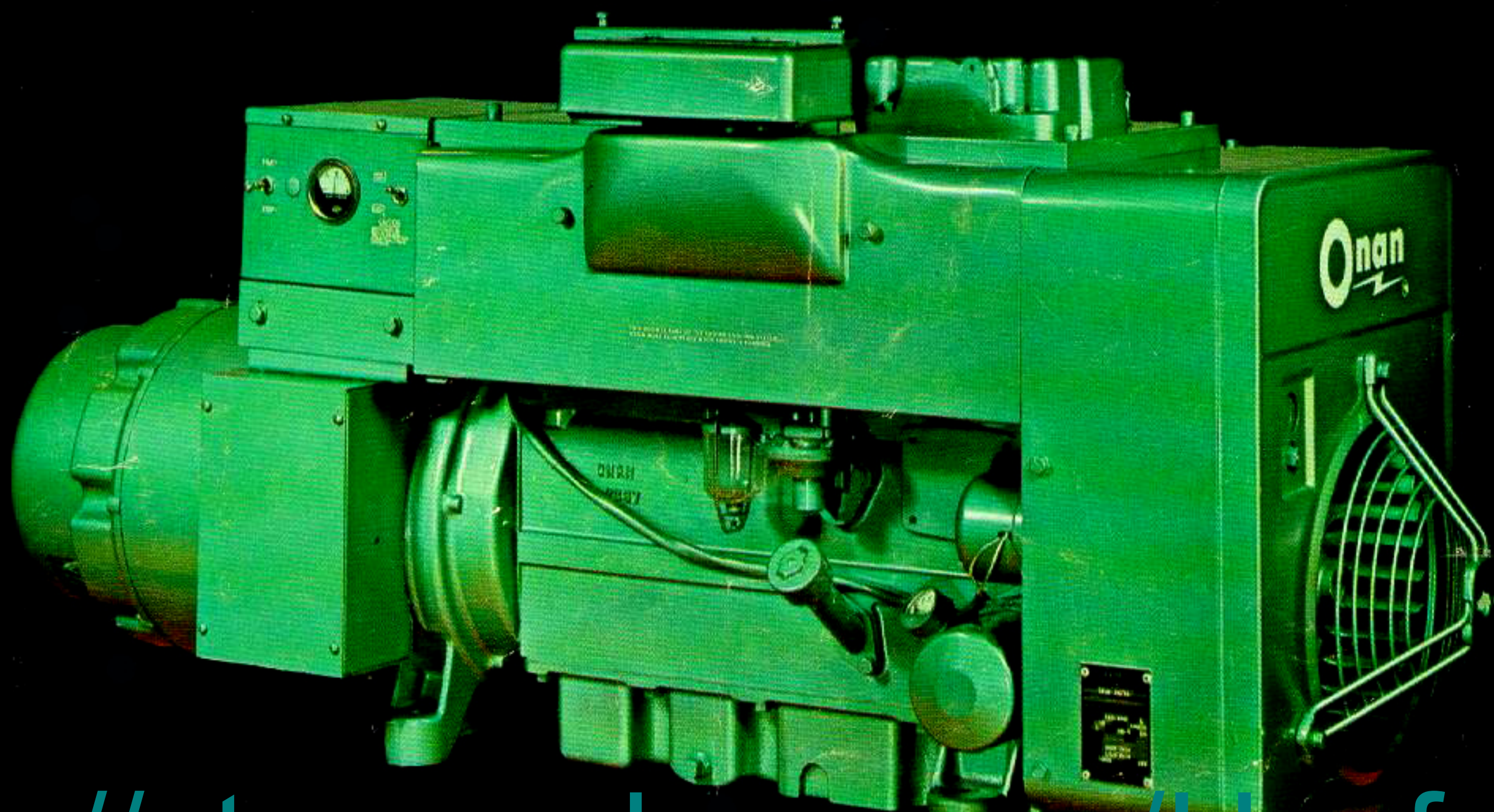
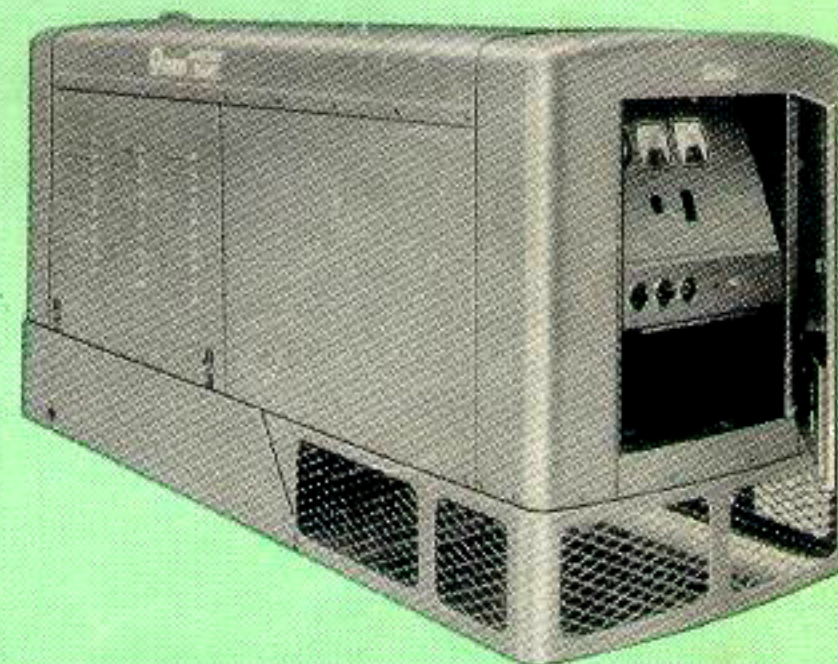
GAS-GASOLINE-POWERED, AIR-COOLED



DIESEL-POWERED, AIR-COOLED



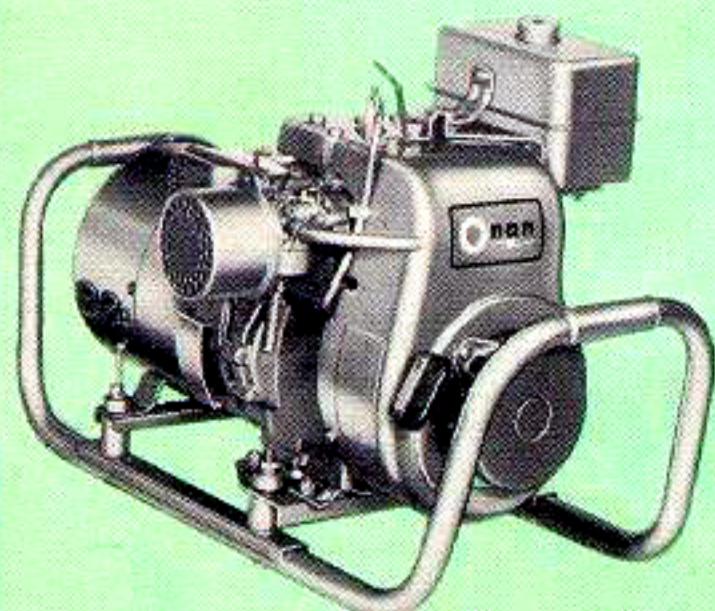
GAS-GASOLINE-DIESEL, RADIATOR-COOLED



<http://stores.ebay.com/UsefulCDs>

AIR-COOLED MODELS GAS-GASOLINE-POWERED

500 to 4,000 WATTS, AC, 60-CYCLE
50-Cycle Models at Slightly Reduced Ratings



07TB-1P

SERIES TA, TB & TC — 1250, 1750 and 2500 WATTS

LOW COST, PORTABLE POWER. Lightweight and compact for easy carrying, yet rugged enough to withstand the tough jobs.

STANDARD EQUIPMENT: Carrying frame, fuel tank, muffler, air cleaner, vibration isolators, flyball governor, recoil starter.

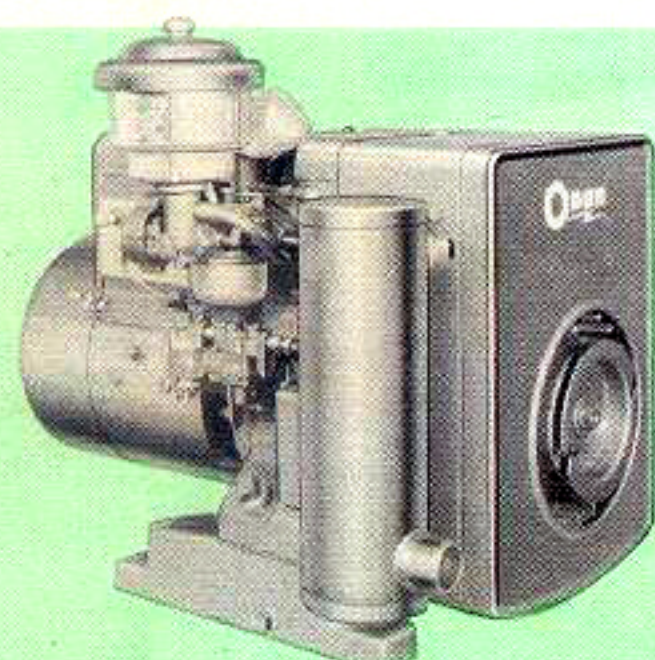
ENGINE: Tecumseh-Lauson, 4-cycle, single-

cylinder, L-head. Arma steel, heat treated crankshaft. Heavy-duty rear main ball bearing.

ONAN AC GENERATOR: Revolving armature; 2-pole; inherent voltage regulation; silicon rectifier excitation. All-climate insulation Class B per NEMA standards.

REPRESENTATIVE MODELS

ELECTRICAL DETAILS					Model Number	ENGINE		APPROX. DIMENSIONS and WEIGHT			
Watts	Volts AC	Cycle	Phase	Wire		RPM	HP	Length	Width	Height	Net lb.
1250	120	60	1	2	102TA-1P	3600	3.5	29	17	17	82
1750	120	60	1	2	107TB-1P	3600	4.0	29	18	18	98
2500	120	60	1	2	205TC-1P	3600	6.0	29	19	18	116



MODEL 1AJ-1R

SERIES AK & AJ — 500 and 1,000 WATTS

HEAVY-DUTY, QUICK-STARTING. Instant electrical power. Complete, ready-to-run.

STANDARD EQUIPMENT: Muffler, fuel tank, oil bath air cleaner, vibration isolators, radio shielding, electrical connections.

ONAN ENGINE: 4-cycle; 1-cyl; rotating ex-

haust valve facing and exhaust seat insert — hard chrome-cobalt alloy.

ONAN AC GENERATOR: Revolving armature; 4-pole; inherent voltage regulation; drip-proof design; sealed ball bearing. Insulation system: Class B per NEMA MG1-1.65.

REPRESENTATIVE MODELS

ELECTRICAL DETAILS					Model Number	ONAN ENGINE		APPROX. DIMENSIONS and WEIGHT			
Watts	Volts AC	Cycle	Phase	Wire		RPM	HP	Length	Width	Height	Net lb.
500	120	60	1	2	05AK-1M	1800	1.85	19	15	19	122
1000	120	60	1	2	1AJ-1R	1800	2.75	24	15	19	158

SERIES AK & AJ — 1,500 and 2,500 WATTS

HIGH OUTPUT for THEIR WEIGHT and SIZE. Easy to handle or install in limited space.

STANDARD EQUIPMENT: All models — muffler; fuel tank; air cleaner; radio shielding; vibration isolators. Manual models also include recoil rope starter, receptacles, (portable models, carrying frame mounted).

Remote Models — load and remote start terminals and flexible exhaust connection.

ONAN ENGINE: Single-cylinder, 4-cycle, rotating exhaust valve facing and exhaust seat insert — hard chrome-cobalt alloy. Fuel pump, lube oil pump.

ONAN AC GENERATOR: Revolving armature, 2-pole, inherent voltage regulation, drip-proof design, sealed ball bearing. Insulation system: Class B per NEMA MG1-1.65.

REPRESENTATIVE MODELS

ELECTRICAL DETAILS					Model Number	ONAN ENGINE		APPROX. DIMENSIONS and WEIGHT			
Watts	Volts AC	Cycle	Phase	Wire		RPM	HP	Length	Width	Height	Net lb.
1500	120	60	1	2	105AK-1M	3600	3.7	23	15	19	135
1500	120	60	1	2	105AK-1P	3600	3.7	29	16	19	125
2500	120	60	1	2	205AJ-1M	3600	5.5	23	15	19	156
2500	120	60	1	2	205AJ-1P	3600	5.5	29	16	19	139
2500	120/240	60	1	3	205AJ-3R*	3600	5.5	25	15	19	182

*Full rated output at 120-volts

SERIES LK — 2,500 and 4,000 WATTS

RUGGED, DEPENDABLE. Single-unit construction. Rated for continuous service.

STANDARD EQUIPMENT: Muffler, fuel tank, air cleaner; vibration isolators; radio shielding. Readi-Pull starter (manual models). Start-stop and load terminals, flexible exhaust connection (remote start models).

ONAN ENGINE: 4-cycle; 1-cyl; rotating exhaust valve facing and exhaust seat insert — hard chrome-cobalt alloy. Fuel pump.

ONAN AC GENERATOR: Revolving armature, inherent voltage regulation, drip-proof design, sealed ball bearing. Insulation system: Class B per NEMA MG1-1.65.

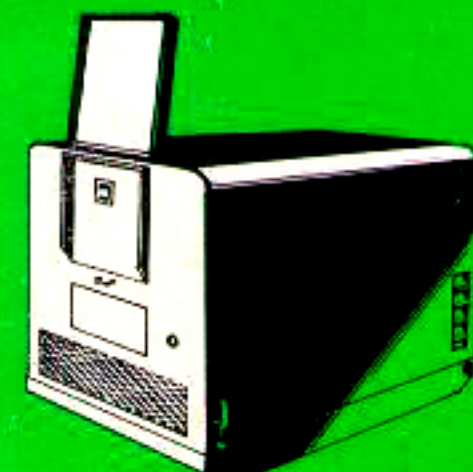
REPRESENTATIVE MODELS

ELECTRICAL DETAILS					Model Number	ONAN ENGINE		APPROX. DIMENSIONS and WEIGHT			
Watts	Volts AC	Cycle	Phase	Wire		RPM	HP	Length	Width	Height	Net lb.
2500	120	60	1	2	205LK-1M	1800	5.0	26	16	21	235
2500	120/240	60	1	3	205LK-3R	1800	5.0	24	16	18	232
4000	120	60	1	2	4LKB-1M	3600	8.5	24	17	19	260
4000	120/240	60	1	3	4LKB-3R	3600	8.5	26	17	19	270

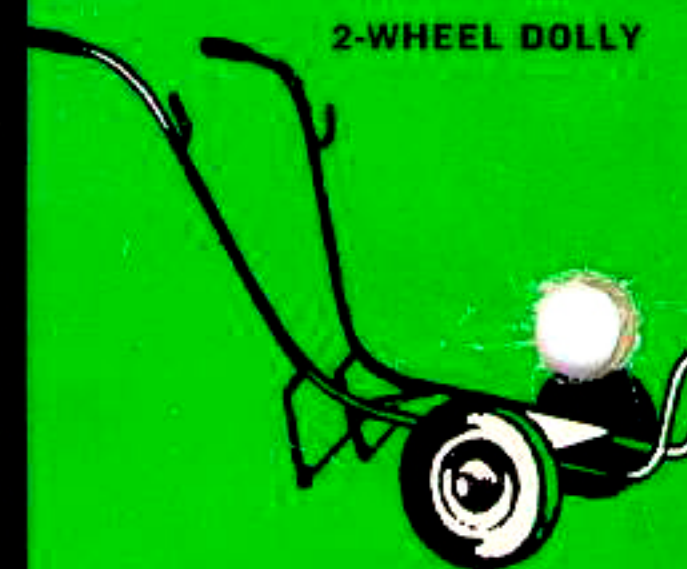
OTHER VOLTAGES AVAILABLE FOR ALL SERIES.

*Optional
Accessories*

WEATHER-PROTECTIVE HOUSING



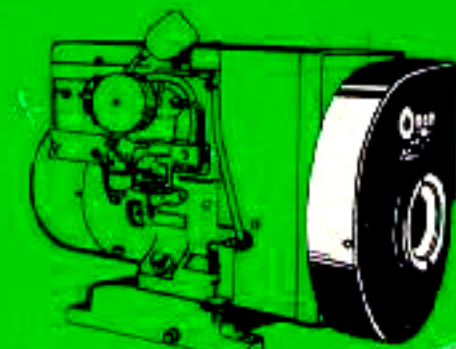
2-WHEEL DOLLY



CARRYING FRAME



VACU-FLO COOLING



OTHER ACCESSORIES

Starting batteries, remote start-stop stations, underground fuel tanks with or without explosion proof fill and vent, automatic load demand controls, switchboards.

© UsefulCDs

AIR-COOLED MODELS GAS-GASOLINE-POWERED

4,000 to 15,000 WATTS, AC, 60-CYCLE
50-Cycle Models at Slightly Reduced Ratings

SERIES CCK — 4,000, 5,000 and 10,000 WATTS

DEPENDABLE ONAN ELECTRIC POWER
for Portable, Primary or Standby Service.

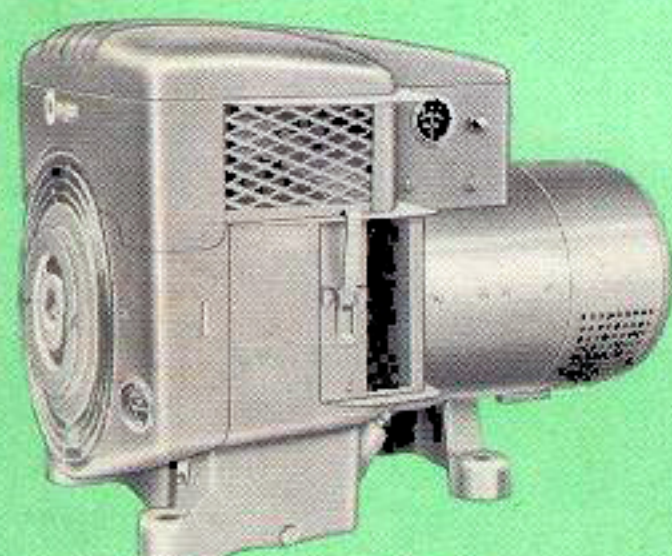
STANDARD EQUIPMENT: All Models — Fuel Tank; Muffler; Vibration Isolators; Radio Shielded; Air Cleaner; Fuel Pump; Oil Pump.
MANUAL START MODELS: Readi-Pull Starter. Portable Models In Carrying Frame.

ONAN ENGINE: 4-cycle, 2-cylinder. Rotating exhaust valves: facing and exhaust seat inserts are a Hard Chrome-Cobalt Alloy.

ONAN AC GENERATOR: Revolving armature. Inherent voltage regulation. Drip-Proof design. Sealed Ball Bearing. Insulation System: Class B — NEMA MG1-1.65.

REPRESENTATIVE MODELS

ELECTRICAL DETAILS					Model Number	ONAN ENGINE		APPROX. DIMENSIONS and WEIGHT			
Watts	Volts AC	Cycle	Phase	Wire		RPM	HP	Length	Width	Height	Net lb.
4000	120	60	1	2	4CCK-1M	1800	10.2	29	21	21	305
4000	120	60	1	2	4CCK-1P	1800	10.2	38	27	24	350
4000	120/240	60	1	3	4CCK-3R	1800	10.2	28	21	21	315
5000	120	60	1	2	5CCK-1M	1800	10.2	32	21	21	370
5000	120/240	60	1	3	5CCK-3P	1800	10.2	38	27	24	410
5000	120/240	60	1	3	5CCK-3R	1800	10.2	32	21	21	375
10,000	120/240	60	1	3	10CCKB-3R	3600	19.5	32	20	23	370
10,000	120/208	60	3	4	10CCKB-4R	3600	19.5	32	20	23	370



MODEL 5CCK-3R

SERIES JB — 7,500 WATTS

VOLTAGE REGULATED ELECTRIC PLANTS
Efficient Performance — Simplified Design.

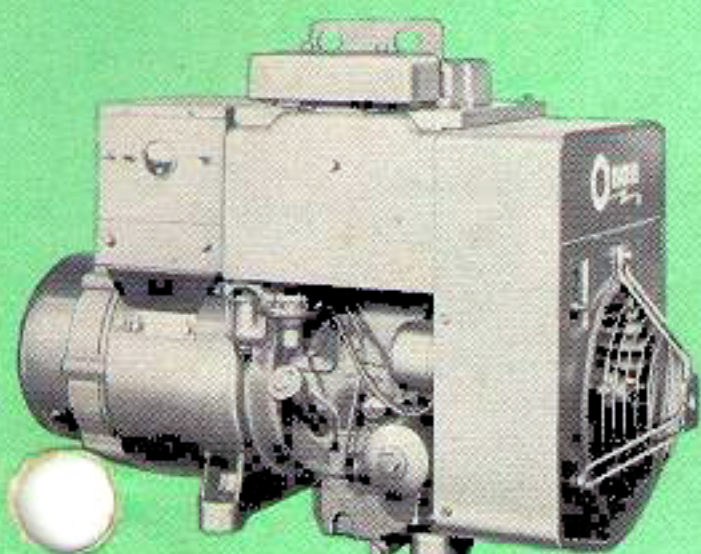
STANDARD EQUIPMENT: All Models — Fuel Tank; Muffler; Flexible Exhaust Connection; Vibration Isolators; Lifting Bracket; Hand Crank; Air Cleaner; Radio Shielding; Fuel Pump; Automatic Choke; Oil Filter and Pump; Battery Cables; Control Box.

ONAN ENGINE: 4-cycle, 2-cylinder, inline design. Overhead valves free to rotate. Exhaust valve facing and exhaust seat inserts are a Hard Chrome-Cobalt Alloy.

MAGNECITER ALTERNATOR: Revolving Field, 4-pole, static excitation and regulation. Drip-Proof design. Sealed Ball Bearing. Insulation System: Class B — NEMA MG1-1.65.

REPRESENTATIVE MODELS

ELECTRICAL DETAILS					Model Number	ONAN ENGINE		APPROX. DIMENSIONS and WEIGHT			
Watts	Volts AC	Cycle	Phase	Wire		RPM	HP	Length	Width	Height	Net lb.
7500	120/240	60	1	3	705JB-3R	1800	15.0	37	18	26	475
7500	120/240	60	3	4	705JB-5DR	1800	15.0	37	18	26	475



MODEL 705JB-3R

SERIES JB — 7,600 WATTS

RUGGED, COMPACT SINGLE-UNIT DESIGN
Dependable, Long-Life, Electric Service.

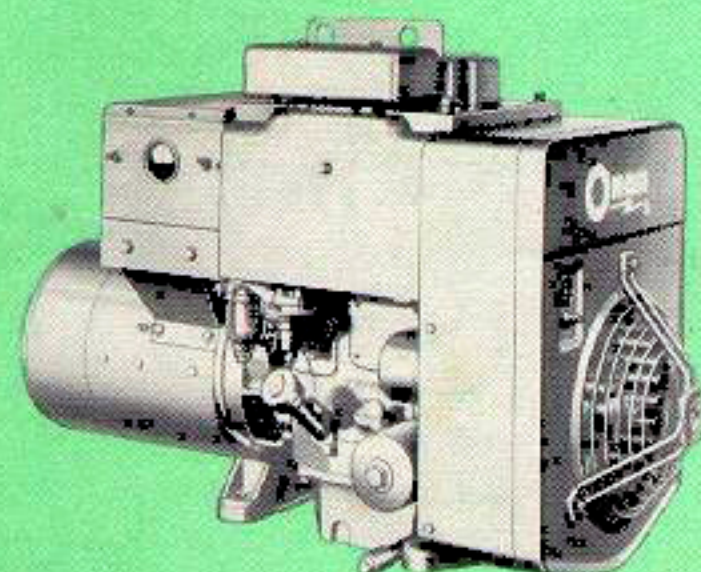
STANDARD EQUIPMENT: All Models — Fuel Tank; Muffler; Flexible Exhaust Connection; Vibration Isolators; Lifting Bracket; Hand Crank; Air Cleaner; Radio Shielding; Lube Oil Filter; Oil Pump; Fuel Pump; Automatic Choke; Battery Cables; Control Box.

ONAN ENGINE: 4-cycle, 2-cylinder, inline design. Overhead valves free to rotate. Exhaust valve facing and exhaust seat inserts are a Hard Chrome-Cobalt Alloy.

ONAN AC GENERATOR: Revolving Armature, 4-pole. Inherent voltage regulation. Drip-Proof design. Sealed Ball Bearing. Insulation System: Class B — NEMA MG1-1.65.

REPRESENTATIVE MODELS

ELECTRICAL DETAILS					Model Number	ONAN ENGINE		APPROX. DIMENSIONS and WEIGHT			
Watts	Volts AC	Cycle	Phase	Wire		RPM	HP	Length	Width	Height	Net lb.
7600	120/240	60	1	3	706JB-3R	1800	15.0	40	18	26	465
7600	120/208	60	3	4	706JB-4R	1800	15.0	40	18	26	465



MODEL 706JB-3R

SERIES JC — 12,500 and 15,000 WATTS

HIGH PERFORMANCE ELECTRIC PLANTS
Reliable — Mobile or Stationary — Power.

STANDARD EQUIPMENT: Exhaust silencer; Flexible Exhaust Connection; Air Cleaner; Automatic Choke; Vibration Isolators; Hand Crank; Lifting Bracket; Radio Shielding; Oil Filter and Pump; Fuel Filter and Pump; Control Box; Connection Box; Battery Cables.

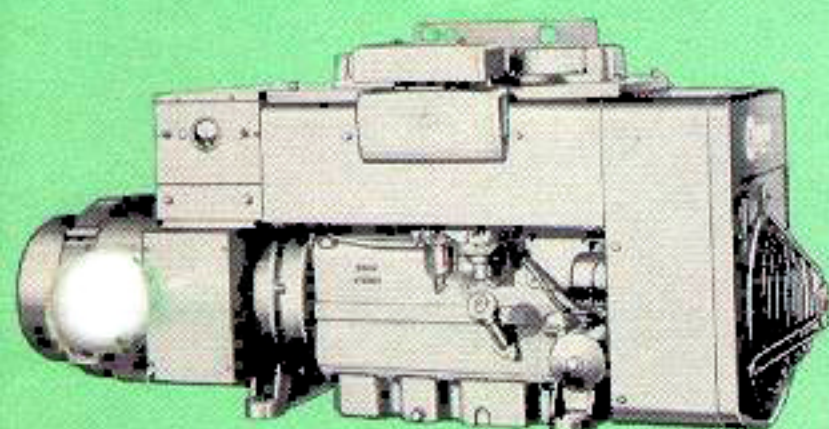
ONAN ENGINE: 4-cycle, 4-cylinder, inline design. Overhead valves free to rotate. Exhaust valve facing and exhaust seat inserts are a Hard Chrome-Cobalt Alloy.

MAGNECITER ALTERNATOR: Revolving Field, 4-pole, static excitation and regulation. Drip-Proof design. Sealed Ball Bearing. Insulation System: Class B — NEMA MG1-1.65.

REPRESENTATIVE MODELS

ELECTRICAL DETAILS					Model Number	ONAN ENGINE		APPROX. DIMENSIONS and WEIGHT			
Watts	Volts AC	Cycle	Phase	Wire		RPM	HP	Length	Width	Height	Net lb.
12,500	120/240	60	1	3	12JC-3R	1800	30.5	51	20	29	700
12,500	120/240	60	3	4	12JC-5DR	1800	30.5	51	20	29	700
15,000	120/240	60	1	3	15JC-3R	1800	30.5	56	20	29	825
15,000	120/240	60	3	4	15JC-5DR	1800	30.5	56	20	29	825

OTHER VOLTAGES AVAILABLE FOR ALL SERIES.

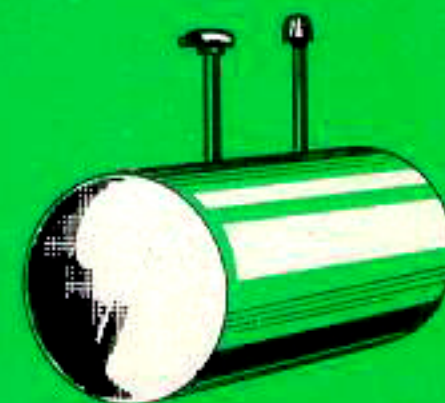


MODEL 15JC-3R

*Optional
Accessories*



GASEOUS FUEL
CARBURETION



UNDERGROUND
FUEL TANKS



TRAILERS



WEATHER-PROTECTIVE
HOUSING

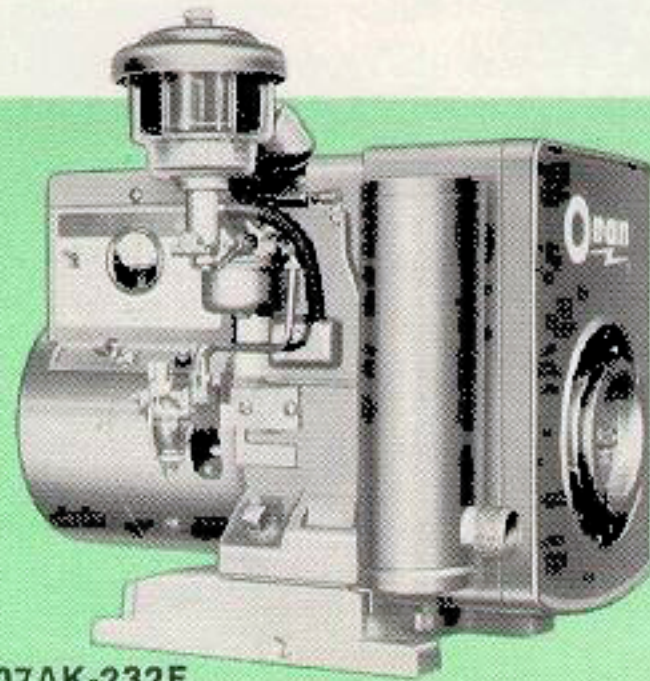
SPECIAL MODELS GAS-GASOLINE-POWERED

Special-Purpose, Electric Power Plants Electric Power for Every Need — AC and DC

ONAN Special-Purpose electric generating sets are regular production models, designed, built and equipped for special jobs, AC, DC or AC-DC. Contractors, Communications, Fire and Police departments, Rescue Work, Turf Industry, Airports, X-ray, Petroleum Industry, Mining Industry are some of the users being served efficiently and reliably by Onan Special-Purpose electric plants.

BATTERY CHARGERS

ONAN battery chargers are complete electric power plants, designed for charging lead-acid batteries. The sturdy, compact single-unit design makes them readily adaptable as an independent power source for either stationary or mobile battery charging service. Easy electric start, simple to hook-up and run.



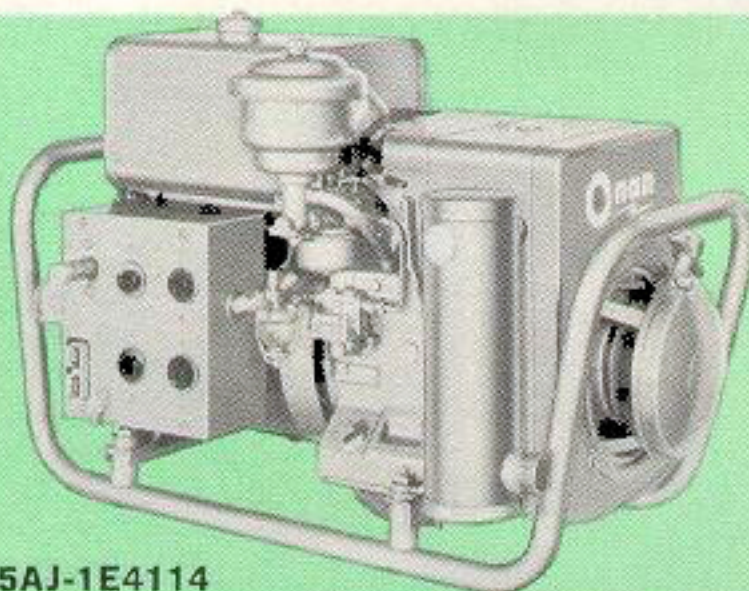
07AK-232E

MODEL SELECTION

ELECTRICAL DETAILS					ONAN ENGINE		APPROXIMATE DIMENSIONS and WEIGHT			
Watts	Volts DC	Amp	Wire	Model Number	RPM	Start	Length	Width	Height	Net lb.
600	12-15	42.5	2	06AK-212E	2400	Electric	20	23	22	125
750	24-30	26.6	2	07AK-224E	2400	Electric	20	15	19	125
1500	24-30	53.2	2	105AJ-224E	2400	Electric	24	15	19	155
1500	32-40	19.9	2	07AK-232E	2400	Electric	20	15	19	125
1500	32-40	40.0	2	105AJ-232E	2400	Electric	24	15	19	155

FIRE DEPT. MODELS

Fully equipped 105AK and 205AJ Onan electric generating sets. Highly portable electric power for fire department, emergency and rescue service. Reliable, quick starts, instant plug-in electricity. Mounted receptacles (4-outlet).



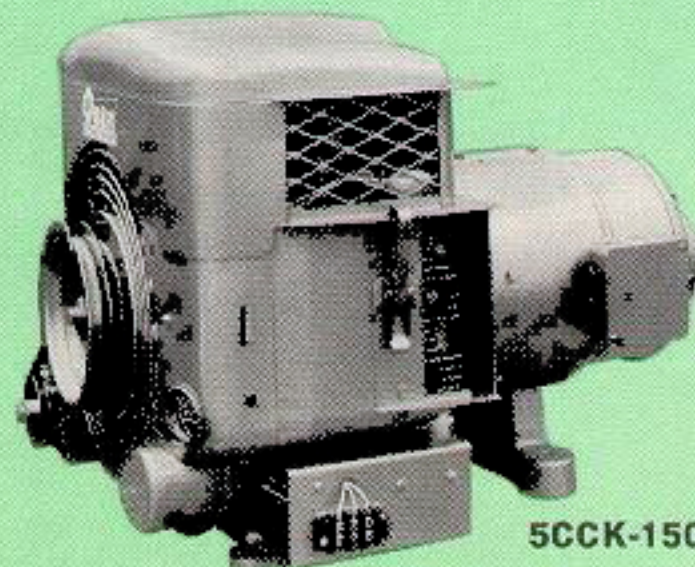
205AJ-1E4114

REPRESENTATIVE MODELS

ELECTRICAL DETAILS					Model Number	ONAN ENGINE		APPROXIMATE DIMENSIONS and WEIGHT			
Watts	Volts AC	Cycle	Phase	Wire		RPM	Start	Length	Width	Height	Net lb.
1500	120	60	1	2	105AK-1M114	3600	Manual	23	15	19	135
1500	120	60	1	2	105AK-1P114	3600	Manual	29	16	19	125
2500	120	60	1	2	205AJ-1M114	3600	Manual	23	15	19	155
2500	120/240	60	1	3	205AJ-3P114	3600	Manual	29	16	19	140
2500	120	60	1	2	205AJ-1E4114	3600	Electric	25	16	19	175

MAGNET SERVICE

Onan DC generating plants, designed for magnet charging, are durable, heavy-duty models, ideal for truck or crane installations. Available with remote or manual starting, 100% duty cycle. Heavy duty 4-cycle engine has built-in governor. They operate with rheostat control.



5CCK-150R5518

MODEL SELECTION

ELECTRICAL DETAILS					ONAN ENGINE		APPROXIMATE DIMENSIONS and WEIGHT			
Watts	Volts DC	Amp	Wire	Model Number	RPM	Start	Length	Width	Height	Net lb.
5000	250	20.0	2	5CCK-150M	1850	Manual	29	22	27	290
5000	250	20.0	2	5CCK-150R	1850	Remote	27	22	21	295



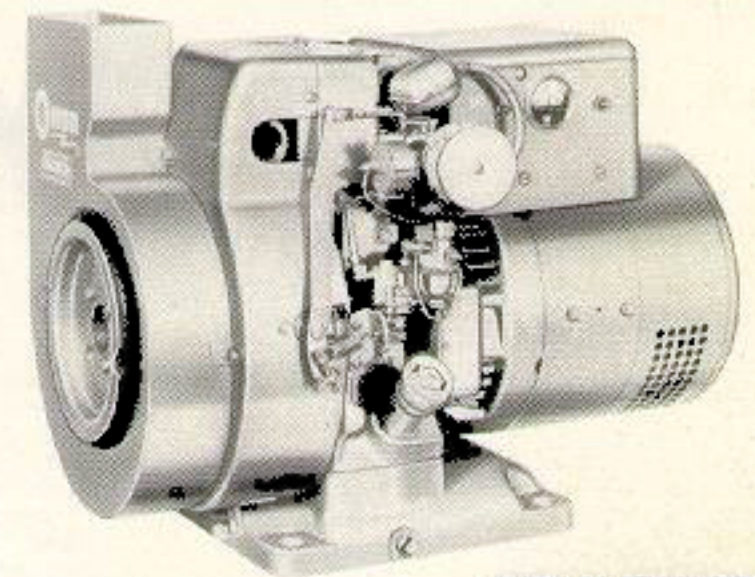
205AJ-1PL, 60-cycle
(50-cycle models available)

Idle-MATIC CONTROL

Manual start, 105AK or 205AJ, electric plants, equipped with Idle-MATIC speed control, provide greater economy and longer electric plant life for Contractors, Fire Department or other users with similar electric load requirements. Load and No-load rpm is automatically maintained by Onan's exclusive Idle-MATIC control.

UTILITY AC-DC MODELS

Ideal electric power plants for use on service trucks or other vehicles equipped with communications gear requiring combination AC-DC output. When a heavy load is drawn from the vehicle battery, the unit supplies up to 30-amp, 12-volt DC. Vehicle battery stays charged. 120-volt, AC is also available. Vacu-Flo cooling permits enclosed installation.



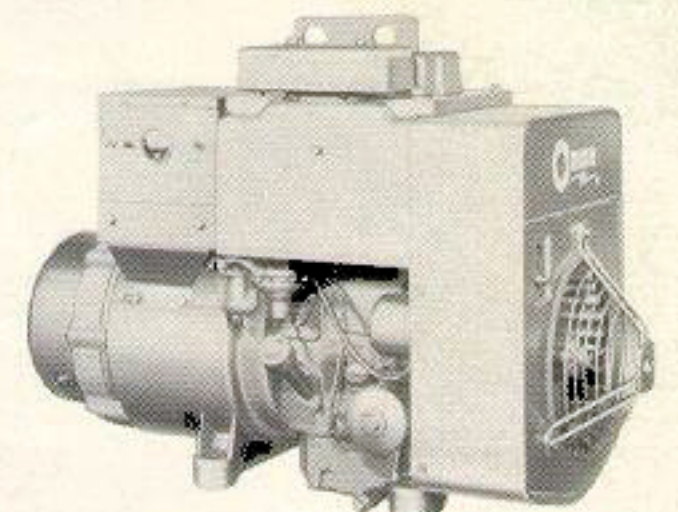
205LK-1RV1330

MODEL SELECTION

ELECTRICAL DETAILS					Model Number	ONAN ENGINE		APPROXIMATE DIMENSIONS and WEIGHT			
Watts	Volts	Cycle	Phase	Wire		RPM	Start	Length	Width	Height	Net lb.
1000	120-AC 12-DC	60	1	2	1AJ-1RV1330	1800	Remote	25	17	19	165
2350	120-AC 12-DC	60	1	2	205LK-1RV1330	1800	Remote	39	27	21	315

SPECIAL X-RAY MODELS

Onan-built electric plants for x-ray equipment are specially designed to give efficient service under continuous, heavy-duty requirements. Completely self-contained, with or without Weather-Protective housing, unusual voltage stability. Write Onan Engineering Dept. or see your distributor about the model that fits your needs.



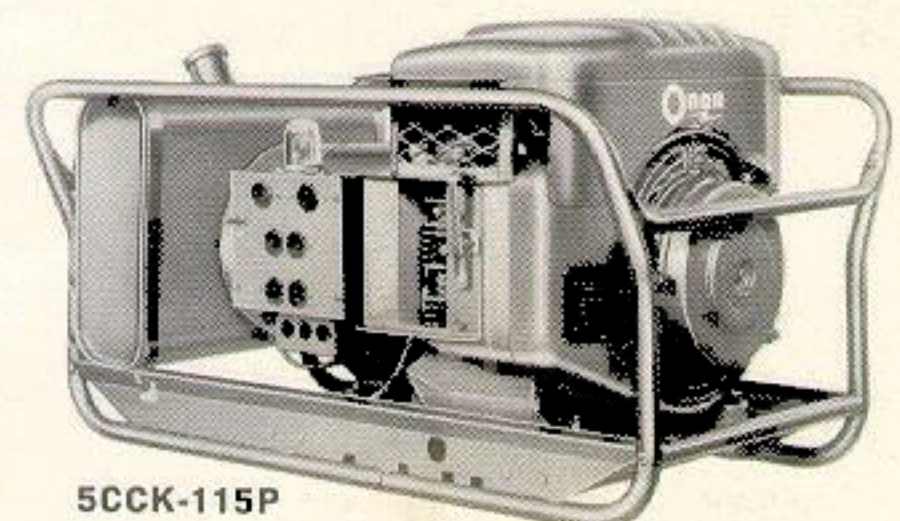
705JB-3R17

MODEL SELECTION — 60-cycle (50-cycle models available)

ELECTRICAL DETAILS					Model Number	ONAN ENGINE		APPROXIMATE DIMENSIONS and WEIGHT			
Watts	Volts	Cycle	Phase	Wire		RPM	Start	Length	Width	Height	Net lb.
3000	120	60	1	2	3CCK-1R/17	1800	Remote	32	21	21	375
7500	120/240	60	1	3	705JB-3R/17	1800	Remote	39	18	26	510
12,000	120/240	60	1	3	12JC-3R/17	1800	Remote	56	20	29	825
30,000	120/240	60	1	3	30EK-3UR8/17	1800	Remote	71	33	42	1825

PORTABLE DC UNITS

Onan Single-unit engine generator sets provide 115 volts DC for direct, plug-in operation of lights, tools and universal motors. Both sizes are lightweight, economical to operate, non-battery charging and have built-in fuel tanks. Carrying frame and recoil starter standard on larger models, optional on smaller unit.



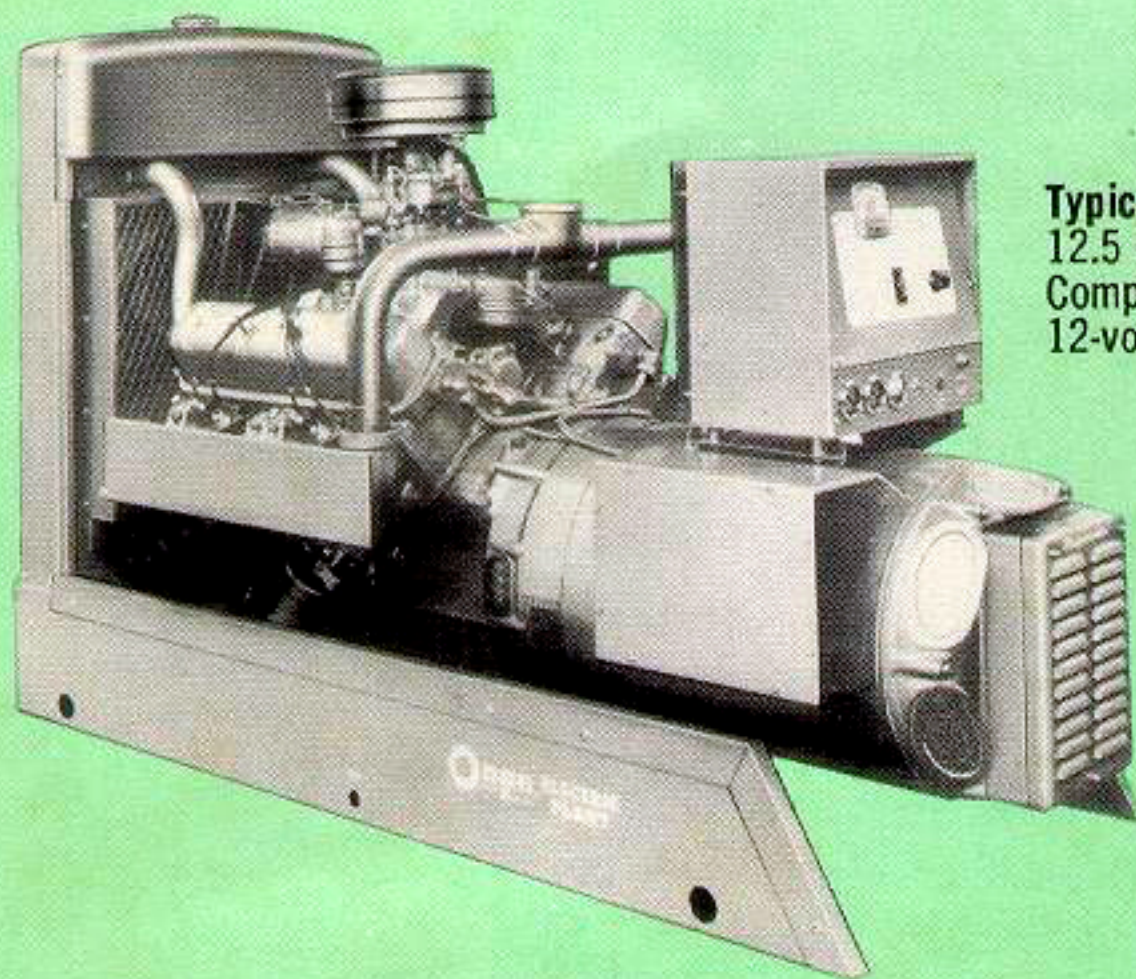
5CCK-115P

MODEL SELECTION

ELECTRICAL DETAILS					ONAN ENGINE		APPROXIMATE DIMENSIONS and WEIGHT			
Watts	Volts DC	Amp	Wire	Model Number	RPM	Start	Length	Width	Height	Net lb.
1500	115	13.0	2	105AJ-115M	2600	Manual	23	15	19	155
5000	115	43.5	2	5CCK-115P	2000	Manual	39	27	22	335

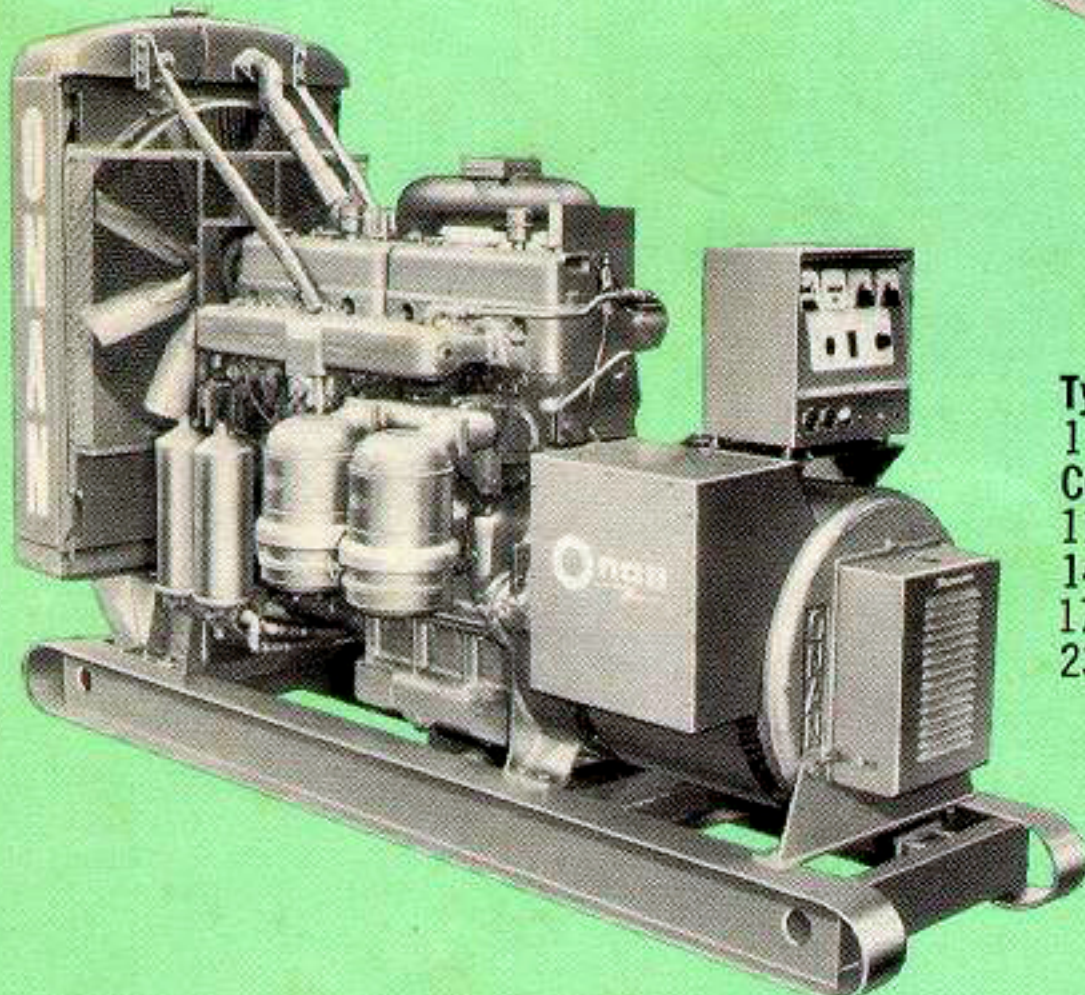
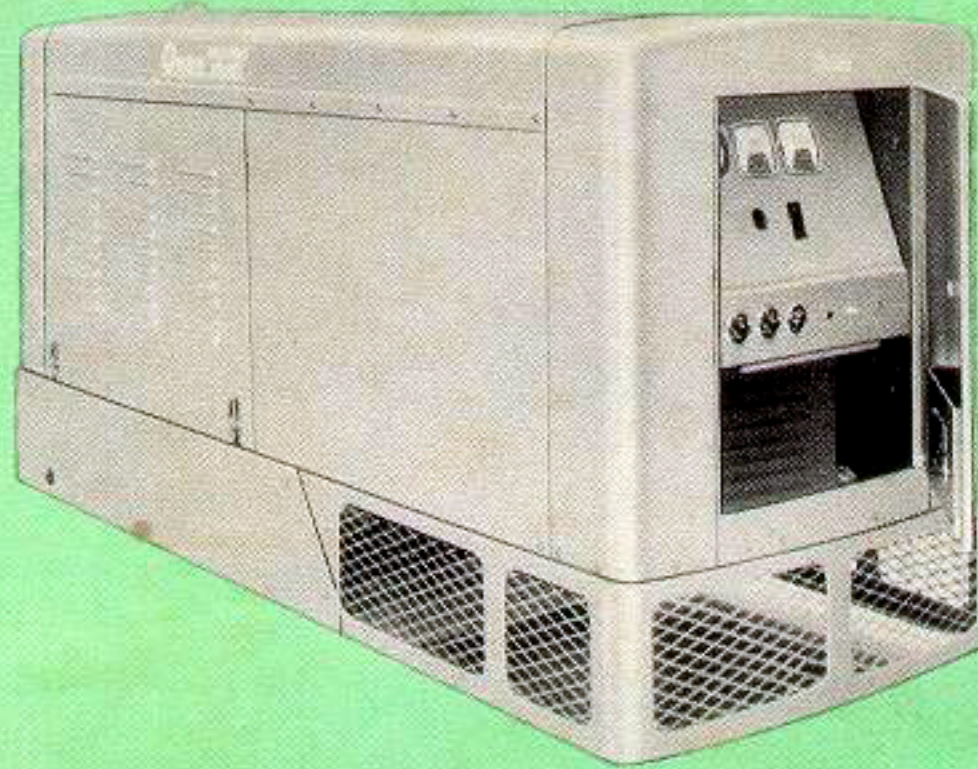
RADIATOR-COOLED MODELS GAS-GASOLINE-POWERED

12,500 to 230,000 WATTS, AC, 60-CYCLE
50-Cycle Models at Slightly Reduced Ratings



Typical Unhoused Model
12.5 to 85 kw.
Complete start controls,
12-volt, 2-wire.

Typical Housed Model
12.5 to 85 kw.
Complete start controls,
12-volt, 2-wire.



Typical Unhoused Model
115 to 230 kw.
Complete start controls.
115kw, 12-volt, 2-wire;
140kw, 12-volt, 2-wire;
170kw, 24-volt, 2-wire;
230kw, 24-volt, 2-wire.

GASOLINE-DRIVEN, RADIATOR-COOLED ELECTRIC POWER PLANTS

HEAVY-DUTY, VERSATILE . . . ONAN built electric generating sets are complete, ready to hook-up and run. Single-unit construction with controls, engine and alternator mounted on a steel skid base. Easily installed. The heavy-duty, compact design of all Onan radiator-cooled units makes them ideal electric power producers for many applications. Mount them on mobile equipment; use them to produce round-the-clock electricity for ranches, resorts, industry; install them for standby service in hospitals, airports or other public facilities. Their stamina and operating efficiency make them the perfect answer for large or small electric power requirements.

ENGINES: Gasoline-fueled, radiator-cooled, 4-cycle, heavy-duty 4, 6 or 8-cylinders. Oil bath air cleaner; Full pressure lubrication; Lube oil filter; Radio interference suppression; Thermostat water temperature control, High water temperature cut-out; Automatically regulated battery charging.

ONAN MAGNECITER ALTERNATOR: Revolving Field, 4-pole, static excitation and voltage regulation, outstanding stability. Drip-proof design. Sealed ball bearing, lubricated for life. Insulation Systems: Class B, NEMA MG1-1.65 and temperature rise at rated load, within NEMA MG1-22.40 definition. Rated for continuous duty. CSA approved.

STANDARD FEATURES—ALL MODELS: All models have mounted control panel with panel light; Battery Charge Rate Ammeter, water temperature and oil pressure gauges; Run-Stop-Remote selector switch; Remote Start-Stop Terminals; Cranking Limiter; High Water Temperature Cut-Out; Emergency Latch-Relay with Indicator Light and Reset.

OTHER STANDARD ITEMS	UNHOUSED	HOUSED
AC-VOLTMETER	30-230 kw	12.5-85 kw
AC-AMMETER(s) (selector switch)	115-230 kw	12.5-85 kw
FREQUENCY METER	85-230 kw	85 kw
RUNNING TIME METER	115-230 kw	12.5-85 kw
LOW OIL PRESSURE CUT-OUT	12.5-230 kw	12.5-85 kw
OVERSPEED SHUTDOWN	30-230 kw	30-85 kw
OVERLOAD CIRCUIT BREAKER	30-230 kw	12.5-85 kw
VIBRATION ISOLATORS	12.5-85 kw	12.5-85 kw
MUFFLER & FLEX CONNECTION	12.5-85 kw	12.5-85 kw
CONTROL/TERMINAL BOX	All	All

OPTIONAL EQUIPMENT — ACCESSORIES

Complete installation accessories and equipment available. **COOLING:** City Water; Heat Exchanger; Remote Radiator. Air Ducts. **CONTROLS:** Automatic Load Transfer Controls. **EXHAUST SILENCING:** For Commercial, Residential and Critical Locations; Flex Connections. **FUEL:** Gas-Gasoline carburetion, regulators. Gasoline fuel tanks, lines and fittings. **STARTING BATTERIES.** TRAILERS, etc.

REPRESENTATIVE MODELS

ELECTRICAL DETAILS and SERVICE RATINGS						UNHOUSED MODELS REMOTE START	ENGINE			APPROX. DIMENSIONS and WEIGHT			
STANDBY		CONTINUOUS		60-CYCLE VOLTS AC	PHASE WIRE		Manu- facturer	Cyl.	HP				
KW	KVA, 0.8PF	KW	KVA, 0.8PF							Length	Width	Height	Net lb.
12.5	12.5	10	10	120/240	1P-3W	12RJC-3R8	ONAN	4	33.6	57	27	40	1000
15	15	15	15	120/240	1P-3W	15RJC-3R8	ONAN	4	33.6	62	27	40	1220
30	37.50	25	31.25	120/240	1P-3W	30EK-3R8	FORD	6	80	74	33	45	1550
45	56.25	40	50	120/240	1P-3W	45EM3R8	FORD	6	98	80	33	45	1715
55	68.7	50	62.5	120/240	1P-3W	55KB-3R8	I-H	8	120	85	37	53	2760
65	81.25	60	75	120/208	3P-4W	65KB-4R8	I-H	8	120	85	37	53	2680
85	106.25	75	93.75	120/240	3P-4W	85KR-5DR8	I-H	8	172	85	37	53	2810
115	143.75	100	125	120/240	3P-4W	115WA-5DR8	WAUKESHA	6	209	104	39	66	5200
140	175	125	156.25	120/240	3P-4W	140WE-5DR8	WAUKESHA	8	265	99	44	74	5500
170	212.50	—	—	120/240	3P-4W	170WB-5DR8	WAUKESHA	6	290	116	42	79	7250
230	287.5	—	—	120/240	3P-4W	**230WC-5DR8	WAUKESHA	6	475	128	48	85	8800

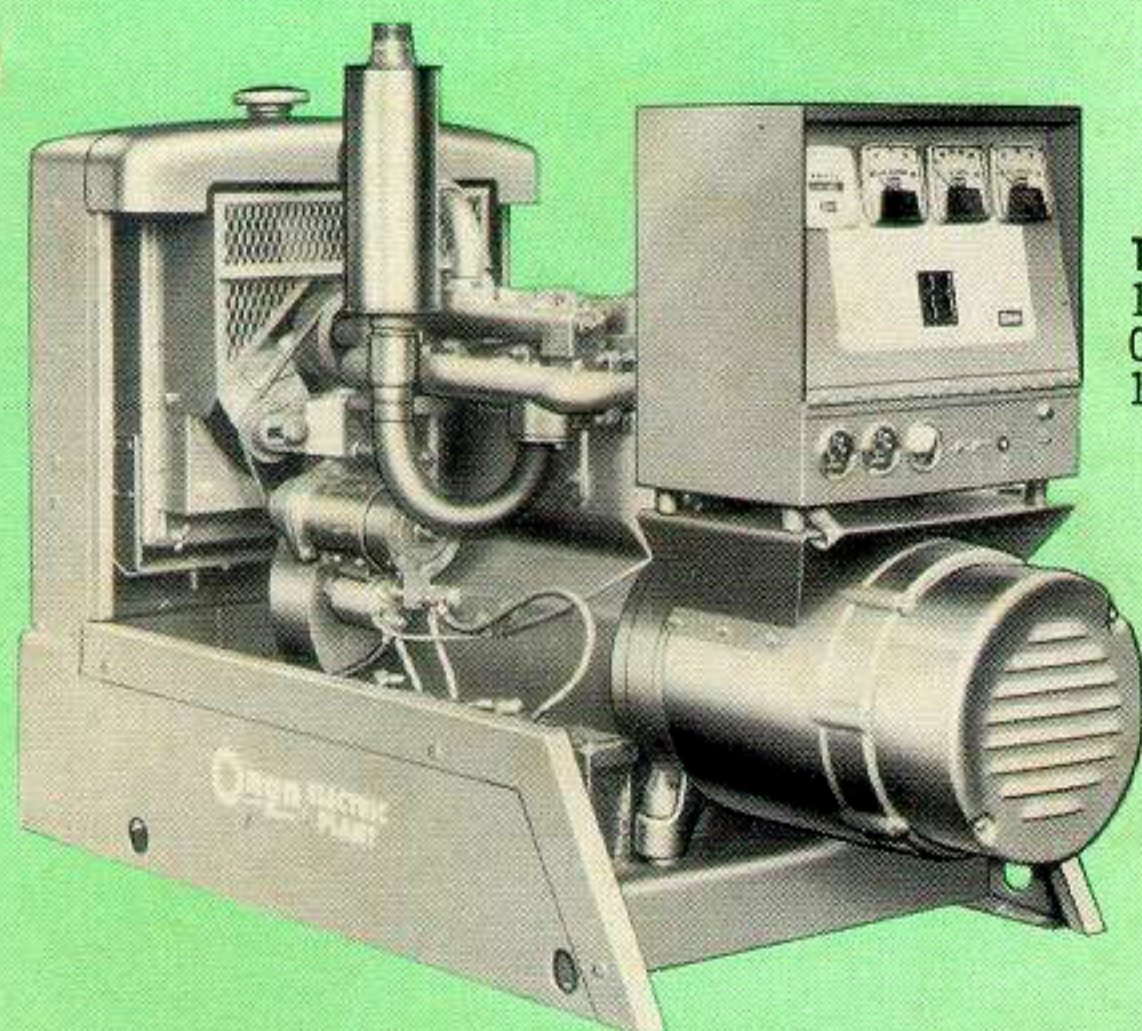
OTHER VOLTAGES AVAILABLE FOR ALL SERIES.

**Natural gas operation only.

© UsefulCDs

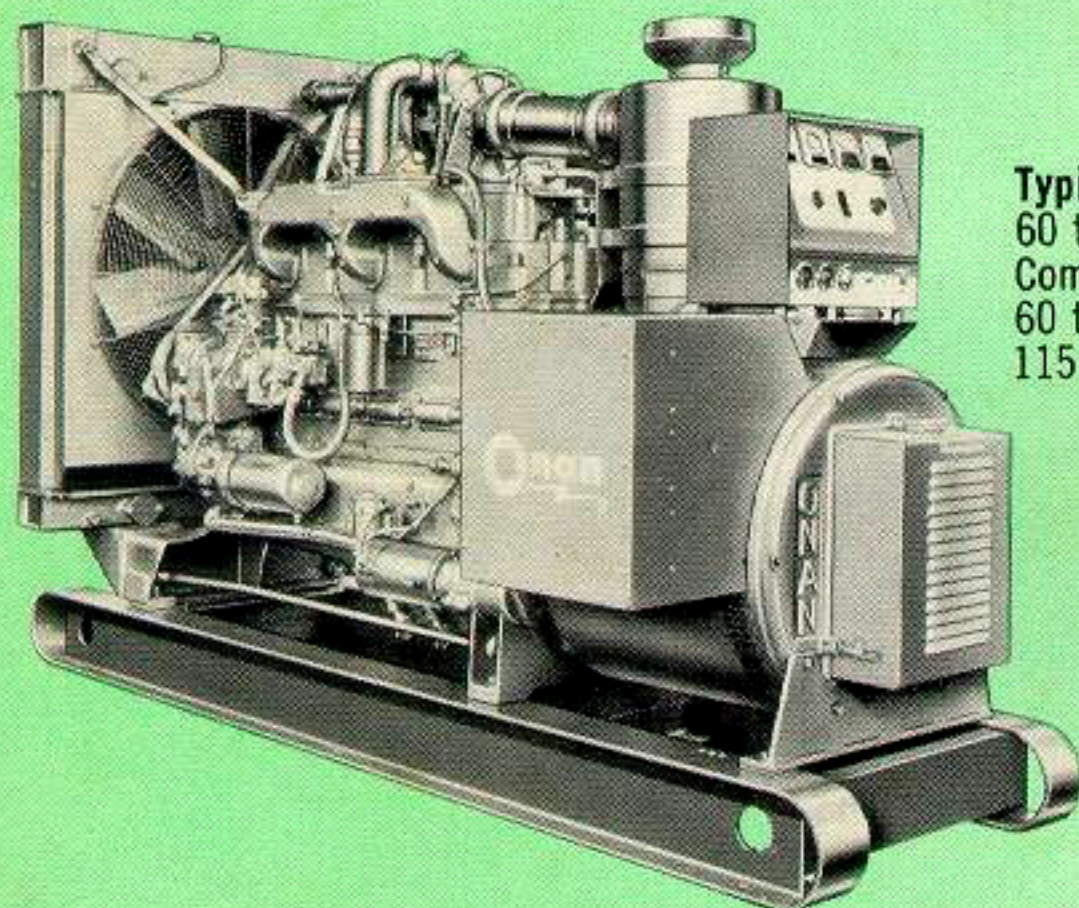
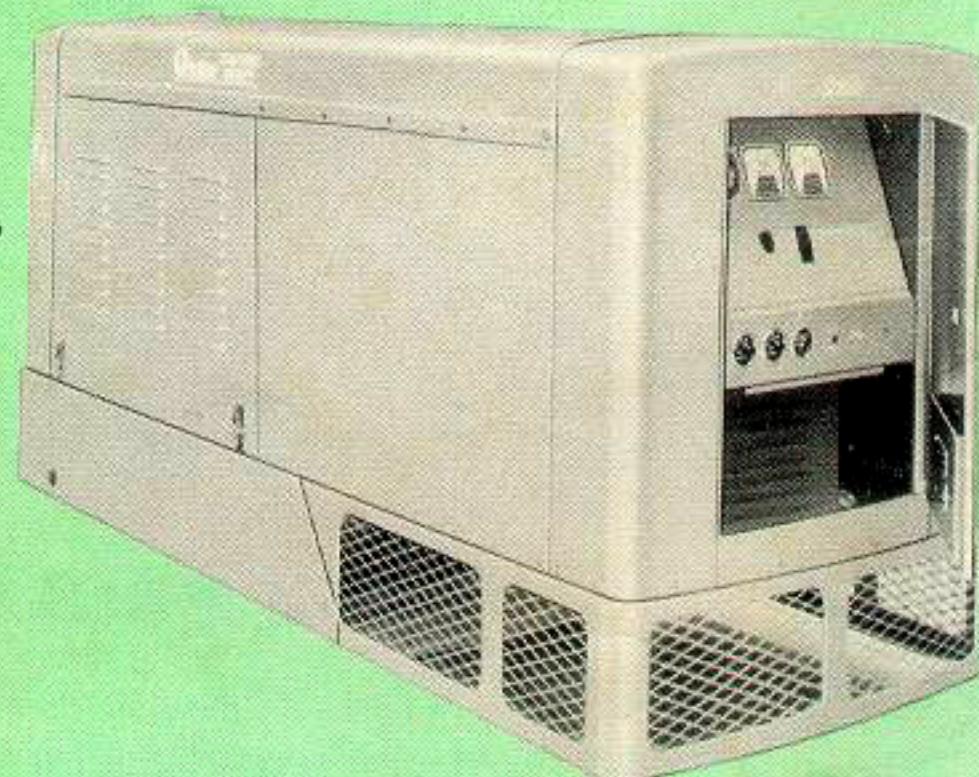
RADIATOR-COOLED MODELS DIESEL-POWERED

15,000 to 400,000 WATTS, AC, 60-CYCLE
50-Cycle Models at Slightly Reduced Ratings



Typical Housted Model
15 to 50 kw.
Complete engine start controls,
12-volt, 2-wire.

Typical Housted Model
15 to 50 kw.
Complete engine start controls,
12-volt, 2-wire.



Typical Unhoused Model
60 to 400 kw.
Complete engine start controls,
60 to 85 kw, 12-volt, 2-wire.
115 to 400 kw, 24-volt, 2-wire.

DIESEL-POWERED, RADIATOR-COOLED ELECTRIC GENERATING SETS

RUGGED, ECONOMICAL — ONAN Diesel-driven generating sets are complete, ready to hook-up and run. Single-unit construction with controls, engine and alternator mounted on a steel skid base. Install anywhere. The compact single-unit design of Onan Diesel-fueled models makes them ideal electric power plants for mobile or stationary use. Mount them on mobile equipment; use them to produce full time electric power for oil fields, farms, industry; install them for standby service in hospitals, utilities; or other public facilities. Their reliability and operating economy make them preferred units for applications with large or small electric power requirements, with or without Weather-Protective housing.

ENGINES: Diesel-fueled, radiator-cooled, 4-cycle, heavy-duty 4, 6, 12-cylinder. Air cleaner; full pressure lubrication; lube oil filters; fuel pump and filters; long-life valves and bearings; thermostat water temp control; high water temp cut-out; automatically regulated battery charging.

ONAN MAGNECITER ALTERNATOR: Revolving Field, 4-pole, static excitation and voltage regulation, outstanding stability. Drip-proof design. Sealed ball bearing, lubricated for life. Insulation Systems: Class B, NEMA MG1-1.65 and temperature rise at rated load, within NEMA MG1-22.40 definition. Rated for continuous duty. CSA approved.

STANDARD FEATURES—ALL MODELS: All models have mounted control panel with panel light; Battery Charge Rate Ammeter, water temperature and oil pressure gauges; Run-Stop-Remote selector switch; Remote Start-Stop Terminals; Cranking Limiter; High Water Temperature Cut-Out; Emergency Latch-Relay with Indicator Light and Reset.

OTHER STANDARD ITEMS	UNHOUSED	HOUSED
AC-VOLTMETER	30-400 kw	15-50 kw
AC-AMMETER(S) (selector switch)	60-400 kw	15-50 kw
FREQUENCY METER	85-400 kw	—
RUNNING TIME METER	60-400 kw	15-50 kw
LOW OIL PRESSURE CUT-OUT	15-400 kw	15-50 kw
OVERSPEED SHUTDOWN	30-400 kw	30-50 kw
OVERLOAD CIRCUIT BREAKERS	30-400 kw	15-50 kw
VIBRATION ISOLATORS	15-70 kw	15-50 kw
MUFFLER & FLEX CONNECTION	15-45 kw	15-50 kw
CONTROL/TERMINAL BOX	All	All

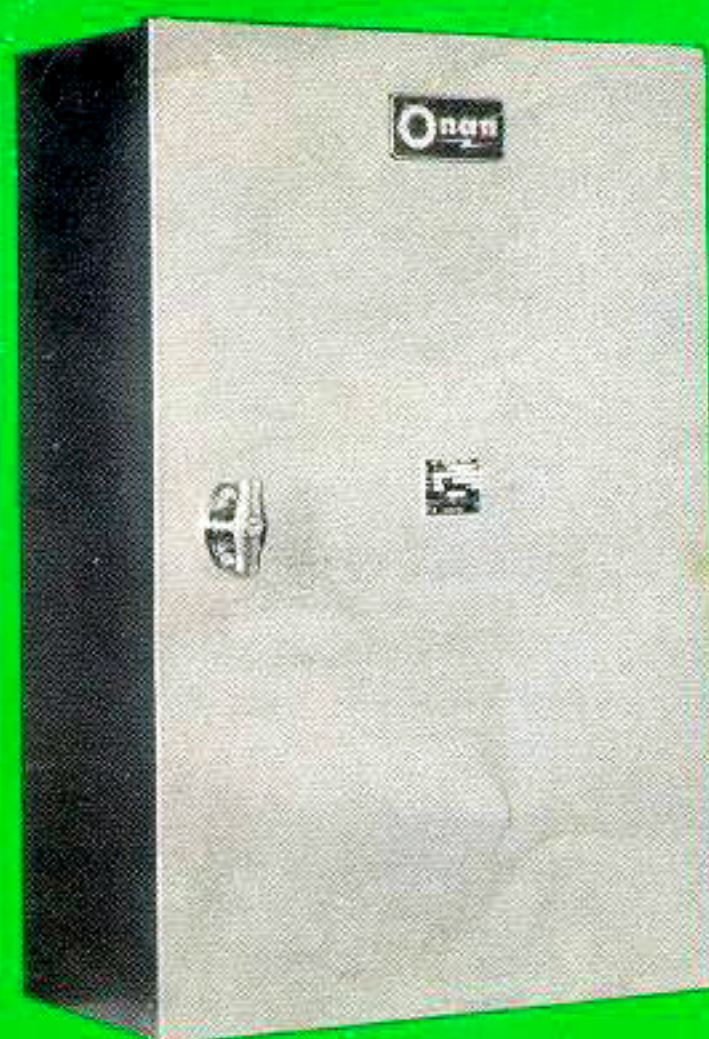
OPTIONAL EQUIPMENT — ACCESSORIES

Complete installation accessories and equipment available. **COOLING:** City Water, Heat Exchanger; Remote Radiator. Air Duct Adapters. **CONTROLS:** Automatic Load Transfer Controls. **EXHAUST SILENCING:** For Commercial, Residential and Critical Locations; Flex Connections. **FUEL:** fuel tanks, lines and fittings. **STARTING BATTERIES.** TRAILERS.

REPRESENTATIVE MODELS

ELECTRICAL DETAILS and SERVICE RATINGS						ENGINE				APPROX. DIMENSIONS and WEIGHT			
STANDBY		CONTINUOUS		60-CYCLE VOLTS AC	PHASE WIRE	UNHOUSED MODELS REMOTE START	MANUFACTURER	CYL.	HP				
KW	KVA, 0.8PF	KW	KVA, 0.8PF							Length	Width	Height	Net lb.
15	15	12.5	12.5	120/240	1P-3W	15RDJC-3R8	ONAN	4	30.4	62	27	40	1120
30	37.50	25	31.25	120/240	1P-3W	30DEH-3R8	FORD	4	63	67	33	43	1750
45	56.25	40	50	120/240	1P-3W	45DEF-3R8	FORD	6	87.0	83	33	45	2190
50	62.5	45	56.25	120/240	1P-3W	50DEG-3R8	FORD	6	93	85	33	45	2250
60	75	50	62.5	120/240	1P-3W	60DWJ-3R8	WAUKESHA	6	106.0	98	33	52	3007
70	87.5	60	75	120/208	3P-4W	70DFJ-4R8	CUMMINS	4	125.0	96	38	57	3925
85	106.25	75	93.75	120/240	1P-3W	85DFB-3R8	CUMMINS	6	160.0	114	37	68	4775
115	143.75	100	125	120/208	3P-4W	115DFC-4R8	CUMMINS	6	180.0	113	40	70	5050
140	175	125	156.25	120/240	3P-4W	140DFD-5DR8	CUMMINS	6	240.0	113	40	70	5500
175	218.75	150	187.50	120/240	3P-4W	175DFE-5DR8	CUMMINS	6	290.0	113	42	76	6025
200	250	175	218.75	120/240	3P-4W	200DFP-5DR8	CUMMINS	6	312.0	113	42	76	6480
230	287.5	200	250	120/240	3P-4W	230DFM-5DR8	CUMMINS	6	355.0	116	42	76	6780
250	312.5	—	—	120/240	3P-4W	250DFW-5DR8	WAUKESHA	6	435	128	48	85	8650
300	375.0	250	312.5	240/416	3P-4W	300DFT-7XR8	CUMMINS	12	457	129	55	83	10250
350	437.5	300	375.0	240/416	3P-4W	350DFU-7XR8	CUMMINS	12	580	129	55	83	11000
400	500.0	350	437.5	240/416	3P-4W	400DFV-7XR8	CUMMINS	12	638	129	55	83	12000

OTHER VOLTAGES AVAILABLE FOR ALL SERIES.



ONAN AUTOMATIC LOAD TRANSFER CONTROLS

ONAN Automatic Load Transfer Controls, custom-built to your exact specification, provide reliable, fully automatic standby protection when used with a matching Onan Electric Power Plant. When an interruption occurs, in regular power, the transfer control instantly initiates starting of the electric plant and transfers the load circuit from the regular line to the standby set. When regular power returns, the Control retransfers the load and stops the standby plant. All systems are Performance Matched — Performance Tested.

Ranging in capacities from 30-1200 amp and up to 600 volts, these continuous-duty controls handle both inductive and resistive loads. Wall-mounted models in NEMA 1 steel cabinet with swing-out service panel, accessible components. For detailed information and an expert analysis of your standby needs, see your Onan Distributor. SPECIFY ONAN for the complete Standby System and get Onan's "UNIT RESPONSIBILITY" for the entire installation. A reputable single-source for installation, maintenance and service. CSA approved.



MANUFACTURER'S WARRANTY

The Manufacturer warrants, to the original user, that each product of its manufacture is free from defects in material and factory workmanship if properly installed, serviced and operated under normal conditions according to the Manufacturer's instructions.

Manufacturer's obligation under this warranty is limited to correcting without charge at its factory any part or parts thereof which shall be returned to its factory or one of its Authorized Service Stations, transportation charges prepaid, within one year after being put into service by the original user, and which upon examination shall disclose to the Manufacturer's satisfaction to have been originally defective. Correction of such defects by repair to, or supplying of replacements for defective parts, shall constitute fulfillment of all obligations to original user.

This warranty shall not apply to any of the Manufacturer's products which must be replaced because of normal wear, which have been subject to misuse, negligence or accident or which shall have been repaired or altered outside of the Manufacturer's factory unless authorized by the Manufacturer.

Manufacturer shall not be liable for loss, damage or expense directly or indirectly from the use of its product or from any other cause.

The above warranty supersedes and is in lieu of all other warranties, expressed or implied, and of all other liabilities or obligations on part of Manufacturer. No person, agent or dealer is authorized to give any warranties on behalf of the Manufacturer nor to assume for the Manufacturer any other liability in connection with any of its products unless made in writing and signed by an officer of the Manufacturer.

August 1, 1963

ONE FULL YEAR WARRANTY

Onan has enough confidence in its products and service organization to offer a full year's warranty. Onan Electric Plants are engineered to function as complete units, beefed up to take hard wear and tested to delivery every watt of power promised on the nameplate. Trust Onan for Electric Power Systems that work!

PERFORMANCE CERTIFIED

Only Onan is "Performance Certified" to deliver the full power and voltage and frequency regulation promised on its nameplate. That's because Onan puts every unit through rigorous hours of full load testing, then has it double-checked by an independent testing laboratory before it's okayed for delivery.

PARTS, SERVICE & SALES FACILITIES

There's a factory-trained, fully equipped Onan distributor close to you. He's always ready to recommend the Onan products you require, install them, check them out and provide complete responsibility for parts and service whenever needed. Call him soon.

Onan the World's Leading Builder of Electric Power Plants offers a complete line of Marine Electric Power Plants; Industrial Engines; Separate Generators; Automatic (Load-Demand) Start-Stop Controls; Switchboards;

ONAN

2515 UNIVERSITY AVE. S.E. • MINNEAPOLIS, MINN. 55414

A DIVISION OF STUDEBAKER CORPORATION

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NEW YORK INTERNATIONAL OFFICE: 350 Fifth Avenue, Empire State Building — Room 2204, New York 10001

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