

POWER GENERATORS

Generator Product Catalog





About Milbank | EmPOWERing the Future

Milbank Manufacturing Co., a third-generation family-owned business, has been engineering and manufacturing electrical supplies, equipment and solutions for use by utilities, contractors, distributors and OEMs since its founding in 1927.

Today, Milbank's meter mounting equipment is the standard by which all others are measured. Our meter sockets and electrical enclosures can be found on homes, schools, businesses, factories, roadways, RV parks, arenas, and airports across North America.

Consistent with our vision to remain at the forefront of power generation and distribution technology, and to honor our stewardship of the environment, Milbank launched its PowerGen™ division in 2009. The PowerGen™ product line—which features wind, solar, electric vehicle charging stations and generators—incorporates renewable energy sources and distributed power generation while helping to advance smart grid initiatives.

Protection. Power. Peace of Mind.

Our generator products include a comprehensive line of residential, commercial and industrial standby and portable power systems featuring best-in-class engines such as Briggs & Stratton, Honda and GM. To find a distributor near you, please call 877.483.5314 or visit us at milbankpowergen.com



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Protect your family.



When the power goes out, don't be left in the dark. With Milbank Home Standby Generators, you'll ensure the protection of your family and your possessions.

Protect your home.

Life, interrupted.

A blizzard. A thunderstorm. A collision with an unsuspecting utility pole. A heat-wave induced brownout. An aging, and now blown, transformer down the street.

A freezer full of steaks and ice cream in the garbage. A refrigerator full of food and drinks down the drain. No computer. No television. No alarm system. No lights, inside or out. It's life, interrupted. It's inconvenient, expensive, uncomfortable, and most importantly, may compromise our family's safety.

Life, uninterrupted.

A home standby generator offers life, uninterrupted. A standby generator offers continuous, uninterrupted power in the event of an outage. The result: continuous comfort, convenience and safety. Eliminate one of life's interruptions. Install a Milbank home standby generator today and ensure an uninterrupted tomorrow.

Questions about how our home standby generators work? Check out the FAQs on pages 34-35.



7-10kW Home Standby Systems



Models

MG07002 – 7kW
MG10001 – 10kW

Automatic System Features

Fully Automatic – Advanced electronics will detect a utility power outage and automatically start the generator whether you are home or away.

Continuous Fuel Supply – A permanent connection to natural gas or propane delivers uninterrupted performance with no messy gasoline storage and refueling.

Contemporary, Space-Saving Design – One of the most compact and functional designs on the market provides for location flexibility and an attractive, subtle yard presence.

Quiet Operation – Engineered air passages, an automotive-style exhaust system and acoustic foam dampeners ensure 50% quieter operation than most portables.

Durable Outdoor Enclosure – Each system features professional rust-proofing and premium automotive paint for maximum durability and all-weather protection.

Computer-Friendly Power – Advanced alternator technology provides safe and stable power for computers and other sensitive electronics.

Strong Warranty – The 7kW units include a two-year warranty; the 10kW units include a three-year warranty.

Turnkey Extras – Automatic systems include a battery charger, hour meter, and installation pad. The engine also comes pre-filled with synthetic oil and is pre-run and tested at the factory, saving you time and money.

Remote System Status Monitor

This 8-fault remote status monitoring system is a standard, preventative accessory that provides customers with peace of mind knowing their generator is always operating correctly. Included with all Milbank generators.

Accessories

Power Management System Enhancement: Model MG0501440

Featuring patented computer-controlled technology, this Power Management System upgrade further expands your generator's range and performance by automatically prioritizing and managing an additional 4 high-demand 240V appliances.

Cold Weather Package: Model MG111102

An oil heater and battery warmer are both thermostatically controlled to heat up when the temperature drops, ensuring smooth starting and engine operation. Items also available separately.

Battery Warmer Only: Model MG240100

Oil Heater Only: Model MG240101 (included on 7kW model)

Maintenance Kit

Model MG070022 (7kW), MG101222 (10kW)

Includes special UL air filter, pre-cleaner, spark plugs, oil filter, and synthetic oil.

12-20kW Home Standby Systems



Models

MG12001 – 12kW
MG15001 – 15kW
MG20002 – 20kW



Automatic System Features

Fully Automatic – Advanced electronics will detect a utility power outage and automatically start the generator whether you are home or away.

Continuous Fuel Supply – A permanent connection to natural gas or propane delivers uninterrupted performance with no messy gasoline storage and refueling.

Vanguard™ V-Twin Engines – An industry leading commercial grade Big Block™ air-cooled engine powered by Briggs & Stratton provides powerful, quiet, durable performance for large, power hungry homes – perfect for years of heavy-duty standby power.

Quiet Operation – Engineered air passages, an automotive-style exhaust system and acoustic foam dampeners ensure quiet operation.

Durable Outdoor Enclosure – Features heat/rust proof polymer vents and louvers, rounded corners and a 3-step automotive rust proofing & wet coat paint process for years of durable outdoor protection – perfect for extreme weather and salt air conditions.

Four-Year Warranty – The best comprehensive parts and labor warranty in the industry.

Turnkey Extras – Automatic systems include battery charger, hour meter, installation pad. The engine comes pre-filled with synthetic oil and is pre-run at the factory, saving time and money.

Remote System Status Monitor: All models

This 8-fault remote status monitoring system is a standard, preventative accessory that provides customers with peace of mind knowing their generator is always operating correctly. Included with all Milbank generators.

Accessories

Power Management System Enhancement: Model MG0501440

Featuring patented computer-controlled technology, this Power Management System upgrade further expands your generator's range and performance by automatically prioritizing and managing an additional 4 high-demand 240V appliances.

Cold Weather Package: Model MG111102

An oil heater and battery warmer are both thermostatically controlled to heat up when the temperature drops, ensuring smooth starting and engine operation. Items also available separately.

Battery Warmer Only: Model MG240100

Oil Heater Only: Model MG240101

Maintenance Kit

Model MG101222 (12kW), MG151822 (15-20kW)

Includes special UL air filter, pre-cleaner, spark plugs, oil filter, and synthetic oil.



See Specifications Chart on page 23 for more information.

30-45kW Home Standby Systems

Automatic System Features

Fully Automatic – Advanced electronics will detect a utility power outage and automatically start the generator whether you are home or away.

GM Vortec Engine – Tested and approved on trucks and SUVs, world class 4 and 8 cylinder GM Vortec engines provide sophisticated yet extremely durable industrial grade power - perfect for the high power demands of most larger homes.

Computer-Friendly Power – A long life, commercial grade 4-pole 1800 RPM alternator provides robust, quiet, ultra smooth electricity, perfect for larger 'smart' homes.

Commercial Four-Year Warranty – The best comprehensive parts and labor warranty in the industry.

Quiet Operation – Engineered air flow, an automotive-style exhaust system, acoustic foam dampeners, and low 1800 RPM engine ensure quiet operation.

Durable All-Climate Enclosure – The durable storm grey steel enclosure is powder coated for excellent adhesion and improved resistance to chipping, abrasion and corrosion - perfect for years of all-season outdoor protection.

Turnkey Extras – Each system includes a battery charger and hour meter. The engine also comes pre-filled with synthetic oil, ethylene glycol long-life coolant and is pre-run at the factory, saving you time and money.

Remote System Status Monitor: All models

This 8-fault remote status monitoring system is a standard, preventative accessory that provides customers with peace of mind knowing their generator is always operating correctly. Included with all Milbank generators.



Models
MG30001 – 30kW
MG45001 – 45kW

Accessories

Power Management System Enhancement: Model MG0501440

Featuring patented computer-controlled technology, this Power Management System enhancement further expands your generator's range and performance by automatically prioritizing and managing four additional high-demand 240V appliances.

Maintenance Kit

Model MG300022 (30kW), MG450022 (45kW)

Includes special UL air filter, pre-cleaner, spark plugs, oil filter, and synthetic oil.



See Specifications Chart on page 23 for more information.



Automatic Transfer Switches



Models

MG0503120 – 50A, 12 circuits
 MG1003162 – 100A, 16 circuits
 MG1003002 – 100A
 MG2003002 – 200A
 MG1003992 – 100A, SE Rated
 MG2003992 – 200A, SE Rated
 MG2003993 – 200A, SE Rated (liquid cooled models only)

Automatic System Features

Fully Automatic – All Milbank transfer switches monitor utility and generator voltages and will automatically connect to the appropriate source of power. 100 and 200 amp switches are capable of “whole house” power transfer in residential/small business applications.

Power Management Technology – During a power outage, most people think they have to go without central air conditioning to weather the storm. Keep your cool with patented computer-controlled transfer switches featuring the AC Power Control Module that manage up to two central air conditioners while safeguarding against power overload. The size of your generator dictates the level of comfort provided by this feature.

12kW – One 4-Ton AC
 15kW – Two 4-Ton ACs
 20kW – Two 5-Ton ACs

Exclusive Design – Each transfer switch is UL approved, custom-made and dedicated exclusively for Milbank, reducing overall cost and giving you exactly what you need for your home or small business.

Computer Friendly – All transfer switches feature Automatic Voltage Regulation to ensure a safe and stable sine wave to sensitive electronics.

Lightweight/Ease of Installation – Efficient component selection has resulted in switch gear optimization for a lightweight product solution to residential/small business installations. Five wires – three 120/240 VAC and two utility supply wires (for battery charger and optional battery warmer and oil heater) also allow for efficient one person installation.

EEPROM (Electronic Program Read-Only Memory) – All transfer switches feature non-volatile memory, so when the power goes out, the transfer switch “remembers” its programming once power is restored. The switch never has to be programmed or reprogrammed once it is installed.

Variable Engine Warm-Up – All of our switches feature both 20-second and 50-second warm-up options: 20 seconds for warm weather starts or a 50-second setting when the generator requires additional start time in colder climates.

Safety Features – All transfer switches are solenoid-operated from utility or generator inputs and contain electrical interlock switches to eliminate the possibility of dangerous back-feed to a line during an outage.



Patented Power Management Technology

All of our 100 amp and 200 amp automatic transfer switches that accompany our residential home standby generators come standard with our patented power management technology.

This technology is leading the industry in meeting NEC 702, allowing homeowners whole-house managed power with a smaller, more efficient generator systems and lowering overall installation costs.

HOW IT WORKS

Our power management system intelligently monitors the load the generator is providing when utility power is lost and waits until enough power is available to start higher wattage loads.

When higher wattage appliances (most common is central air conditioning systems) want to start up, they send a signal to the automatic transfer switch. By using a set of current transformers, we can monitor the load the generator is producing to the home. If the generator is over a predetermined capacity, the transfer switch will prevent these higher wattage loads from starting and check back every five minutes waiting until enough power is available.

Electrical loads can be intelligently managed with Milbank's automatic transfer switches and power management technology. This will allow the homeowner to maximize the output of a smaller generator, which will reduce total cost of installation, lower fuel consumption, and reduce emissions.

Power Management System Enhancement

Featuring patented computer-controlled technology, this Load Control Center upgrade further expands your generator's range and performance by automatically prioritizing and managing an additional four high-demand 240V appliances.



Model
 MG0501440



Note: Automatic Transfer Switches are compatible only with home standby generator models.
 See Specifications Chart on page 23 for more information.

Maintenance Accessories

Cold Weather Package

An oil heater and battery warmer are both thermostatically controlled to heat up when the temperature drops, ensuring smooth starting and engine operation. Items also available separately.



Model

Package – MG11102
Battery warmer only – MG240100
Oil heater only – MG240101

Maintenance Kits

Includes special UL air filter, pre-cleaner, spark plugs, oil filter and synthetic oil.



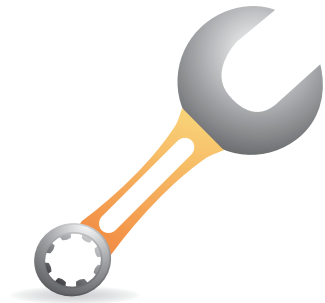
7kW Series
Model MG070022



10-12kW Series
Model MG101222



15-20kW Series
Model MG151822



Model

7kW series – MG070022
10-12kW series – MG101222
15-20kW series – MG151822
30kW series – MG300022
45kW series – MG450022

Giving you the power



Milbank offers a complete line of industrial generators that give you the power you need to get the job done, whether it's at a construction site or at the finished retail location.

to get the job done.

There's work to be done.

With an industrial generator on duty, it's better than business as usual. Powerful, reliable and safe, our industrial generators eliminate the uncertainty of power outages and their costly impact to operations and the bottom line. Whether a retail storefront, multi-story office complex or a job trailer, Milbank offers industrial generators that give you the power to get the job done.



Industrial Generators

Liquid Propane / Natural Gas



Models

GEW25G
GEW30G
GEW40G
GEW50G
GEW65G
GEW75G
GEW100G
GEW120G
GEW160G
GEW175G

System Features

- Easy access for maintenance
- Safety guards for all electrical connections and moving parts
- Lockable latches
- Engineered vibration dampening system
- Rugged base frame for versatile application
- Easy access display of all critical genset measures
- Clean power with the Marathon alternator
- Regulator provides 0.5% voltage regulation
- Heavy duty GM Vortec engine
- EPA emissions compliant
- Integral mechanical radiator
- 1-year warranty



Options Available

Transfer Switch
Coolant Heater
Permanent Magnet Excitation
Battery Warmer
NFPA 110 Compliance

Configurations Available

Open Set
Weather Enclosure
Soundproof Enclosure
Parallel Capable
Any Single Phase or Three Phase Voltage
50 Hz by Special Order

Model Number	Standby (kVA) - 1 Phase 240V		Standby (kVA) - 3 Phase 208V		Standby (kVA) - 3 Phase 480V	
	LPG	NG	LPG	NG	LPG	NG
GEW25G	19.0	19.0	25.0	25.0	25.0	25.0
GEW30G	25.0	25.0	31.3	31.3	31.3	31.3
GEW40G	30.0	28.0	37.5	35.0	37.5	35.0
GEW50G	41.0	40.0	50.0	50.0	50.0	50.0
GEW65G	50.0	50.0	65.0	65.0	65.0	65.0
GEW75G	60.0	58.0	77.5	75.0	77.5	75.0
GEW100G	75.0	75.0	100.0	100.0	100.0	100.0
GEW120G	98.0	95.0	125.0	118.8	125.0	118.8
GEW160G	115.0	125.0	143.8	156.3	143.8	156.3
GEW175G	125.0	140.0	156.3	175.0	156.3	175.0



See Specifications Chart on page 24 for more information.

Industrial Generators

Diesel Units

System Features

- Easy access for maintenance
- Safety guards for all electrical connections and moving parts
- Lockable latches
- Engineered vibration dampening system
- Rugged base frame for versatile application
- Easy access display of all critical genset measures
- Clean power with the Marathon alternator
- Regulator provides 0.5% voltage regulation
- Heavy duty John Deere engine
- Tier III EPA emissions compliant
- Complete with engine fluids
- 1-year warranty



Options Available

- Transfer Switch
- Base Tanks
- Coolant Heater
- Permanent Magnet Excitation
- Battery Warmer
- NFPA 110 Compliance

Configurations Available

- Open Set
- Weather Enclosure
- Soundproof Enclosure
- Parallel Capable
- Any Single Phase or Three Phase Voltage
- 50 Hz by Special Order



Models

- GEW30J
- GEW40J
- GEW50J
- GEW65J
- GEW75J
- GEW100J
- GEW125J
- GEW160J
- GEW190J
- GEW220J
- GEW260J

Model Number	Standby (kVA) - 1 Phase 240V	Standby (kVA) - 3 Phase 208V	Standby (kVA) - 3 Phase 480V
	Diesel	Diesel	Diesel
GEW30J	25.0	31.3	31.3
GEW40J	30.0	37.5	37.5
GEW50J	45.0	52.5	52.5
GEW65J	50.0	65.0	65.0
GEW75J	60.0	65.0	65.0
GEW100J	75.0	100.0	100.0
GEW125J	100.0	125.0	125.0
GEW160J	125.0	156.0	156.0
GEW190J	155.0	188.8	193.8
GEW220J	175.0	220.0	225.0
GEW260J	210.0	262.5	262.5

See Specifications Chart on page 25 for more information.



Industrial Generators

GSW Series



Models

GSW15Y (Yanmar)
GSW25Y (Yanmar)
GSW35Y (Yanmar)
GSW50Y (Yanmar)



Models

GSW60P (Perkins)
GSW70P (Perkins)
GSW90P (Perkins)
GSW120P (Perkins)
GSW160P (Perkins)
GSW170P (Perkins)
GSW200P (Perkins)

System Features

- STAMFORD Alternator
- Water-Cooled
- Automatic Controller
- Internal Residential Muffler
- Detachable Central Lifting Point
- Completely Sealed Drip Pan
- Complete with Engine and Battery Liquids
- Manual Oil Drain Pump
- Heavy Duty Galvanized Skids (Optional)
- Moveable Baseframe
- Standard 8-Hour Tank
- EPA Emissions Compliant
- 1-year warranty

Automatic Control Panel (ACP)

Automatic control panel mounted on the genset, complete with digital control unit AC01 for monitoring, control and protection of the generating set.

Instrumentation (Digital) – Generator set voltage (3 phases), mains voltage, generator set frequency, generator set current (3 phases), battery voltage, power (kVA - kW - kVAR), power factor, hour counter, engine RPM, fuel level (%), engine temperature.

Commands and Others – Six settings (automatic test, automatic starting, engine locked, mains contactor forced, manual start, genset contactor forced); emergency stop button; remote start capable; acoustic alarm; integrated battery charger.

Protections with Alarm – Engine protection (low fuel level, low oil pressure, high engine temperature); genset protection (under/over voltage, overload, under/over frequency, start failure, under/over battery voltage, battery charge failure).

Protections with Shutdown – Engine protection (low fuel level, low oil pressure, high engine temperature); genset protection (under/over voltage, overload, under/over battery voltage, battery charge failure); circuit breaker and differential protection (optional).

Output and Sockets – Power cables connected to terminals board (external), main lugs.

* Manual Starting: the preheating period begins automatically when this position is selected. It is necessary to select this position again to enable the preheating period one more time.

Note: Trailer sold separately.

See Specifications Chart on page 26-27 for more information.

Industrial Generators

GRW Series

System Features

- Heavy Duty Compact Construction
- Designed for Long Running Time
- Lockable Door with Access to Emergency Stop
- Individual Modules for Each Section
- Quiet Operation
- Easy-To-Use Control Panel
- Multi-Voltage
- Ready for Manual or Auto-Start Operation
- Battery Trickle Charger Included
- Road-Tow Trailer Available (Optional, Sold Separately)
- 1-year warranty

Manual Control Panel (MCP)

Manual control panel mounted on the genset, with analog instrumentation and protected through door with lockable handle.

Instrumentation (Analog) – Voltmeter, ammeter, frequency meter, hours-counter, fuel level indicator, oil pressure indicator, engine temperature indicator.

Commands and Others – Start / stop selector switch with key, emergency stop button, potentiometer for adjusting the output voltage, six wire multipin connector for external remote start / stop signal and battery charger feeding.

Protections with Alarm – Engine protection: low fuel level, low oil pressure, high engine temperature battery charge failure.

Protections with Shutdown – Engine protection unit (MC-01): low fuel level, low oil pressure, high engine temperature, battery charger failure. Circuit breaker protection.

Output – Power cables connected to terminals board (external).

Output Receptacles – 2 x 120V 20A 2P+T NEMA (duplex w/ GFCI)

1 x 120V 30A 2P+T NEMA (twistlock)

1 x 240/120V 30A 2P+T NEMA (twistlock)

1 x 240/120V 50A 2P+T NEMA (twistlock)

1 x 240V 50A 3P+T NEMA (twistlock)

Main lugs



Models

GSW15Y (Yanmar)
GSW25Y (Yanmar)
GSW35Y (Yanmar)
GSW50Y (Yanmar)



Models

GSW60P (Perkins)
GSW70P (Perkins)
GSW90P (Perkins)
GSW120P (Perkins)
GSW160P (Perkins)
GSW170P (Perkins)
GSW200P (Perkins)

Note: Trailer sold separately.

See Specifications Chart on page 28-29 for more information.

Portable Generators

Vx-POWER Series - Powered by Powermate


Model

PM0101207 – 49-state compliant
PC0101207 – CSA compliant

1,200 Rated Watts / 1,400 Surge Watts – Manual Start

- Engine – Powermate OHV
- Voltage – 120V AC; 12 Volts DC
- Compact roll cage design
- Includes 12V battery charging cables
- 1-year Warranty
- CSA Certified


Model

PM0103007 – 49-state compliant
PMC103007 – CARB and City of Los Angeles compliant
PC0103007 – CSA compliant

3,000 Rated Watts / 3,750 Surge Watts – Manual Start

- Engine – Powermate OHV
- Voltage – 120V / 240V AC; 12 Volts DC
- Compact roll cage design
- Mobility kit included with 8" never-flat wheels
- Dual folding handles for easy storage
- Includes hour meter and AVR
- 2-year Warranty


Model

PM0105007 – 49-state compliant
PMC105007 – CARB and City of Los Angeles compliant
PC0105007 – CSA compliant

5,000 Rated Watts / 6,250 Surge Watts – Manual Start

- Engine – Powermate OHV
- Voltage – 120V / 240V AC; 12 Volts DC
- Compact roll cage design
- Mobility kit included with 10" never-flat wheels
- Dual folding handles for easy storage
- Includes hour meter and AVR
- 2-year Warranty


Model

PM0106507 – 6,500 Rated Watts / 8,125 Surge Watts
PMC106507 – CARB and City of Los Angeles compliant
PC0106507 – CSA compliant

6,500 Rated Watts / 8,125 Surge Watts – Electric / Manual Start

- Engine – Powermate OHV
- Voltage – 120V / 240V AC; 12 Volts DC
- Compact roll cage design
- Mobility kit included with 10" never-flat wheels
- Dual folding handles for easy storage
- Includes hour meter and AVR
- Battery included
- 2-year Warranty

See Specifications Chart on page 30 for more information.

Portable Generators

Standard & Elite Series - Powered by Briggs & Stratton

Briggs & Stratton generators offer a premium combination of power, performance and value you would only expect from the market leader. Briggs & Stratton is North America's largest supplier of portable generators.

5,500 Watt – Manual Start

- Briggs & Stratton 1650 Series OHV Engine
- 5 gallon fuel tank - 10 hours of run time @ 50% load
- Hour meter
- Never-go-flat wheels
- Rubber outlet covers
- 2-year limited warranty
- CSA Certified



Model
MGP5502 – 5,500 Watts

7,000 Watt – Electric Start

- Briggs & Stratton 2100 Series OHV Engine
- 7 gallon fuel tank - 9 hours of run time @ 50% load
- Hour meter
- Key electric start
- Battery included
- Never-go-flat wheels
- Rubber outlet covers
- 3-year limited warranty
- CSA Certified



Model
MGP7000 – 7,000 Watts

8,000 Watt – Electric Start

- Briggs & Stratton 2100 Series OHV Engine
- 7 gallon fuel tank - 9 hours of run time @ 50% load
- Hour meter
- Key electric start
- Battery included
- Never-go-flat wheels
- Rubber outlet covers
- 3-year limited warranty
- CSA Certified



Model
MGP8002 – 8,000 Watts

See Specifications Chart on page 30 for more information.

Portable Generators

S Class Generators - Powered by Pramac



Model

2,600 Rated Watts / 3,100 Surge Watts - Manual Start
PD292MHI003 - 49 State Compliant



Model

3,800 Rated Watts / 4,000 Surge Watts - Manual Start
PD382MHI001 - CARB Compliant
PD382MHI002 - 49 State Compliant



Model

5,300 Rated Watts / 6,000 Surge Watts - Manual Start
PD532MHI001 - CARB Compliant
PD452MHI004 - 49 State Compliant



Model

6,100 Rated Watts / 7,200 Surge Watts - Electric Start
PD612MHB001 - CARB Compliant
PD612MHB002 - 49 State Compliant



Model

11,700 Rated Watts / 14,000 Surge Watts - Electric Start
PD123MHBZ04 - CARB Compliant

Product Features

- Honda GX series engines
- Voltage – 60 Hz / 120 / 240
- Rugged frame design
- Large fuel tank with gauge
- Fuel valve
- Idle control
- Hour meter
- Voltage selector switch
- Easy-to-read electrical panel
- Optional wheel kit
- Fully EPA, CARB and CSA compliant
- 2-year (3-year on engine) warranty
- Batteries not included

Light Tower Kits

Model Number	PY000A00092	PY000A00094	PY000A00098
Power (Watts)	2,000	4,000	6,000
Lamp Power (Lumens)	38,000	88,000	132,000
Lit Area (FT ²)	8,000	16,000	24,200
Lamp Type	Halogen		
Voltage & Frequency	240V / 60 Hz		
Lamp Autonomy	2000 Hours		
Mast	Pneumatic		
Telescopic mast sections	Three		
Max Height	13.8 feet		
Operation Temperature	266° F		
Protection Level	IP 55		



See Specifications Chart on page 31 for more information.

Portable Generators

Powermate Series - Powered by Pramac

5,000 Rated Watts / 6,250 Surge Watts

- Engine – Subaru EX30
- Recoil start as a backup
- Fuel type – Gasoline
- AC Voltage – 120V/240V
- AC Frequency – 60 Hz
- Long life alternator
- Full tubing frame for added protection
- Wheel kit includes 10" wheels
- Includes battery and charger
- 2-year warranty



Model
PM0435006 – Electric Start

5,700 Rated Watts / 7,125 Surge Watts

- Engine – Yamaha MZ 300
- Fuel type – Gasoline
- AC Voltage – 120V/240V
- AC Frequency – 60 Hz
- Long life alternator
- Receptacle debris cover for in-use operation
- Wheel kit – included with 14" wheels
- Includes AVR, one quart of engine oil, 25 foot 30A generator cord, CordKeepers™
- 2-year warranty



Model
PM0675700 – Manual Start

6,800 Rated Watts / 8,500 Surge Watts

- Engine – Yamaha MZ 360
- Fuel type – Gasoline
- AC Voltage – 120V/240V
- AC Frequency – 60 Hz
- Long life alternator
- Full tubing frame with added protection
- Wheel kit – included with 10" wheels
- Includes AVR and one quart of engine oil
- 2-year warranty
- Electric start unit includes recoil start as backup and a 12V 18AH battery & 12V battery charger



Model
PM0676800 – Electric Start
PM0676801 – Manual Start

See Specifications Chart on page 31 for more information.

Portable Generators

Powermate Series - Powered by Pramac



Model

PM0497000.04 – Manual Start

7,000 Rated Watts / 8,750 Surge Watts

- Engine – Honda GX390
- Fuel type – Gasoline
- AC Voltage – 120V/240V
- AC Frequency – 60 Hz
- Full tubing frame for added protection
- Wheel kit – included with 10" wheels
- Includes AVR & CordKeepers™
- 3-year warranty



Model

PM0418000 – Electric Start

8,000 Rated Watts / 10,000 Surge Watts

- Engine – Kohler PS-44550
- Electric or recoil start
- Fuel type – Gasoline
- AC Voltage – 120V/240V
- AC Frequency – 60 Hz
- Full tubing frame for added protection
- Battery included
- Wheel kit – included with 10" wheels
- Includes (2) one quart bottles of engine oil, AVR, 12V 18AH battery & CordKeepers™
- 3-year warranty



Model

PM0601250 – Electric Start

12,500 Rated Watts / 15,625 Surge Watts

- Engine – Subaru EH65
- Fuel type – Gasoline
- AC Voltage – 120V/240V
- AC Frequency – 60 Hz
- Full tubing frame with added protection
- Built-in lifting points on frame
- Battery included
- Idle control
- Wheel kit includes 13" wheels
- Includes (2) one-quart bottles of engine oil, 12V 34AH battery and CordKeepers™
- 3-year warranty

See Specifications Chart on page 31 for more information.

Portable Generators

DeWALT Series - Powered by Pramac

3,000 Max Watts / 2,920 Rated Watts – Commercial Generator

- Engine – DeWALT 196cc (6.5HP) OHV engine
- Maintenance free, brushless DeWALT alternator
- High amp surge capacity
- Super quiet muffler
- Low oil shut-off
- 8-hour run-time at 50% max output
- 3.3 gallon fuel tank capacity



Model
DG3000 – 49-state compliant
DG3000C – California compliant

4,400 Max Watts / 4,180 Surge Watts – Commercial Generator

- DeWALT 18-volt battery start (battery and charger included)
- Engine – DeWALT 270cc (9HP) OHV engine
- 20% more starting watts than generators in its class
- Proper 120V and 240V outlets for jobsite applications
- Worksite tested frame with panel protections bars
- Super quiet muffler reduces engine noises
- Idle control saves fuel and reduces noise
- Low oil shut-off provides greater pump protection



Model
DG4400B – 49-state compliant
DG4400BC – California compliant

6,300 Max Watts / 5,950 Rated Watts – Commercial Generator

- DeWALT 18-volt battery start (battery and charger included)
- Engine – DeWALT 389cc (13HP) OHV engine
- 20% more starting watts than generators in its class
- Proper 120V and 240V outlets for jobsite applications
- Worksite tested frame with panel protections bars
- Super quiet muffler reduces engine noises
- Idle control saves fuel and reduces noise
- Low oil shut-off provides greater pump protection



Model
DG6300B – 49-state compliant

7,000 Max Watts / 6,500 Rated Watts – Commercial Generator

- DeWALT 18-volt battery start (battery and charger included)
- Engine – DeWALT 270cc (9HP) OHV engine
- 20% more starting watts than generators in its class
- Proper 120V and 240V outlets for jobsite applications
- Worksite tested frame with panel protections bars
- Super quiet muffler reduces engine noises
- Idle control saves fuel and reduces noise
- Low oil shut-off provides greater pump protection



Model
DG7000B – 49-state compliant

See Specifications Chart on page 31 for more information.

Technical Specifications



Home Standby Generators

Model Number	MG07002 - 7kW	MG10001 - 10kW	MG12001 - 12kW	MG15001 - 15kW	MG20002 - 20kW	MG30001 - 30kW	MG45001 - 45kW
Watts LP/NG	7,000W (LP) / 6,000W (NG)	10,000W (LP) / 9,000W (NG)	12,000W (LP) / 11,000W (NG)	15,000W (LP) / 14,000W (NG)	20,000W (LP) / 18,000W (NG)	30,000W (LP) / 27,000W (NG)	45,000W (LP) / 45,000W (NG)
Operation	Fully Automatic						
Engine	504cc Extended Life Series™	570cc Vanguard™ V-Twin	627cc Vanguard™ V-Twin	895cc Vanguard™ V-Twin	993cc Vanguard™ V-Twin	GM Vortec 3.0L Inline 4 Cylinder	GM Vortec 5.0L V8
Operating RPM	3600					1800	
Voltage	120/240V AC, Single Phase, 1.0 pf					120/240V AC, Single Phase, Electronic Regulation	
Amps LP/NG	29.1 (LP) / 25 (NG)	41.7 (LP) / 37.5 (NG)	50 (LP) / 45.8 (NG)	62.5 (LP) / 58.3 (NG)	83.3 (LP) / 75 (NG)	125 (LP) / 112.5 (NG)	187.5 (LP) / 187.5 (NG)
Alternator Type	Automatic Voltage Regulator					4-Pole, Brushless	
Oil Warmer	Yes (included)	Yes (optional - sold separately)					
Battery Warmer	Yes (optional - sold separately)					No	
Full Pressure Lubrication	Yes						
Fuel Type	Propane (LP vapor), Natural Gas						
Fuel Consumption (at ½ load)	33 FT³/HR LP, 80 FT³/HR NG	35 FT³/HR LP, 84 FT³/HR NG	41 FT³/HR LP, 102 FT³/HR NG	56 FT³/HR LP, 126 FT³/HR NG	71 FT³/HR LP, 160 FT³/HR NG	92 FT³/HR LP, 259 FT³/HR NG	178 FT³/HR LP, 483 FT³/HR NG
Weekly Exerciser	Yes						
Sound Attenuation	Lo Tone™ Muffler	Sound Shield™ Technology					
Sound Rating (normal operation)	74 dB	71 dB	65 dB	65 dB	68 dB	65 dB	66 dB
Battery Charger	Yes						
Overcrank Protection	Yes						
Diagnostic Alerts with Remote System Status	Low Oil Pressure, Fail to Start, Low Frequency, Engine Overspeed, Low Voltage, Low Battery, High Temperature, Transfer Switch						
Dimensions (L x W x H)	32" x 32.25" x 38.5"		48.69" x 33.75" x 31.63"			84.5" x 39.5" x 41.5"	98.5" x 39.5" x 44.5"
Weight (generator only)	299 lbs.	335 lbs.	470 lbs.	544 lbs.	572 lbs.	1,800 lbs.	2,100 lbs.
Main Line Circuit Breaker	30 Amp	50 Amp	60 Amp	70 Amp	100 Amp	150 Amp	200 Amp
Battery Requirements**	33 Amp Hour, 12 Volt DC, 350 CCA, AGM		50 Amp Hour, 12 Volt DC, 600 CCA, AGM			55 Amp Hour, 12 Volt DC, 650 CCA, AGM	
Total Harmonic Distortion	Less than 5%						
Limited Warranty	2 Years	3 Years	4 Years				

Transfer Switches

Model Number	MG0503120	MG1003162	MG1003002	MG2003002	MG1003992	MG2003992	MG2003993*
Circuits	12	16	Whole House				
Amps	50A	100A	100A	200A	100A	200A	200A
Service Entrance Disconnect	No	No	No	No	Yes	Yes	Yes
Dimensions (L x W x H)	14.25" x 6" x 21"	14" x 6" x 24"	12" x 6" x 16"	12" x 6" x 22"	16" x 7" x 22"	16" x 7" x 30"	33" x 10.25" x 19"
Weight	29 lbs.	39 lbs.	24 lbs.	37 lbs.	38 lbs.	64 lbs.	64 lbs.
Common Features	120/240 Voltage, 2 Poles, 50/60 Frequency, NEMA 3R Enclosure, UL 1008 Listed						
Power Mgmt. Method	ACCM-II, Patented A/C Power Control Module™						

NOTE: Other manufacturers may not be compatible with Milbank's generators or automatic transfer switches.

* For liquid-cooled models only.

**Battery not included

Industrial Generators

GEW Series | Liquid Propane / Natural Gas Units

	Model Number	GEW25G	GEW30G	GEW40G	GEW50G	GEW65G	GEW75G	GEW100G	GEW120G	GEW160G	GEW175G	
480V (3 Phase)	PRIME POWER PRP (NG)	20kW (25kVA)	23kW (28.8kVA)	23kW (28.8kVA)	35 kW (43.8kVA)	42.4kW (53.0kVA)	48kW (60kVA)	72kW (90kVA)	76kW (95kVA)	105kW (131.3kVA)	130kW (162.5kVA)	
	EMER POWER LTP (NG)	20kW (25kVA)	25kW (31.3kVA)	28kW (35kVA)	40kW (50kVA)	52kW (65kVA)	60kW (75kVA)	80kW (100kVA)	95kW (118.8kVA)	125kW (156.3kVA)	140kW (175kVA)	
	PRIME POWER PRP (LPV)	20kW (25kVA)	23kW (28.8kVA)	25kW (31.3kVA)	35 kW (43.8kVA)	42.4kW (53.0kVA)	51kW (63.8kVA)	72kW (90kVA)	85kW (106.3kVA)	96kW (120kVA)	115kW (143.8kVA)	
	EMER POWER LTP (LPV)	20kW (25kVA)	25kW (31.3kVA)	30kW (37.5 kVA)	40kW (50kVA)	52kW (65kVA)	62kW (77.5kVA)	80kW (100kVA)	100kW (125kVA)	115kW (143.8kVA)	125kW (156.3kVA)	
	Voltage	480V										
	Frequency	60 Hz										
	Power factor	0.8 Cos										
208V (3 Phase)	PRIME POWER PRP (NG)	20kW (25kVA)	23kW (28.8kVA)	23kW (28.8kVA)	35 kW (43.8kVA)	42.4kW (53.0kVA)	48kW (60kVA)	72kW (90kVA)	76kW (95kVA)	105kW (131.3kVA)	130kW (162.5kVA)	
	EMER POWER LTP (NG)	20kW (25kVA)	25kW (31.3kVA)	28kW (35kVA)	40kW (50kVA)	52kW (65kVA)	60kW (75kVA)	80kW (100kVA)	95kW (118.8kVA)	125kW (156.3kVA)	140kW (175kVA)	
	PRIME POWER PRP (LPV)	20kW (25kVA)	23kW (28.8kVA)	25kW (31.3kVA)	35 kW (43.8kVA)	42.4kW (53.0kVA)	51kW (63.8kVA)	72kW (90kVA)	85kW (106.3kVA)	96kW (120kVA)	115kW (143.8kVA)	
	EMER POWER LTP (LPV)	20kW (25kVA)	25kW (31.3kVA)	30kW (37.5 kVA)	40kW (50kVA)	52kW (65kVA)	62kW (77.5kVA)	80kW (100kVA)	100kW (125kVA)	115kW (143.8kVA)	125kW (156.3kVA)	
	Voltage	208V										
	Frequency	60 Hz										
	Power factor	0.8 Cos										
240V (1 Phase)	PRIME POWER PRP (NG)	19kW (19kVA)	23kW (23kVA)	23kW (23kVA)	31kW (31kVA)	42.5kW (42.5kVA)	48kW (48kVA)	70kW (70kVA)	76kW (76kVA)	105kW (105kVA)	130kW (130kVA)	
	EMER POWER LTP (NG)	19kW (19kVA)	25kW (25kVA)	28kW (28kVA)	40kW (40kVA)	50kW (50kVA)	58kW (58kVA)	75kW (75kVA)	95kW (95kVA)	125kW (125kVA)	140kW (140kVA)	
	PRIME POWER PRP (LPV)	19kW (19kVA)	23kW (23kVA)	25kW (25kVA)	35kW (35kW)	42.5kW (42.5kVA)	51kW (51kVA)	70kW (70kVA)	85kW (85kVA)	96kW (96kVA)	115kW (115kVA)	
	EMER POWER LTP (LPV)	19kW (19kVA)	25kW (25kVA)	30kW (30kVA)	41kW (41kVA)	50kW (50kVA)	60kW (60kVA)	75kW (75kVA)	98kW (98kVA)	115kW (115kVA)	125kW (125kVA)	
	Voltage	240V										
	Frequency	60 Hz										
	Power factor	1.0 Cos										
	Dimensions (LxWxH)	81.9 x 36.2 x 46.9	81.9 x 36.2 x 46.9	81.9 x 36.2 x 46.9	94.1 x 42.1 x 52.8	94.1 x 42.1 x 52.8	94.1 x 42.1 x 52.8	121.3 x 48.0 x 72.0	121.3 x 48.0 x 72.0	121.3 x 48.0 x 72.0	133.9 x 48.0 x 72.0	
	Weight (dry)	1316 lbs	1358 lbs	1420 lbs	1678 lbs	2030 lbs	2291 lbs	2829 lbs	2978 lbs	3175 lbs	3433 lbs	
	ENGINE	GM Vortec										
	Exhaust emissions	Compliant										
	Cooling system	Water										
	Speed	1800 rpm										
	Displacement	3000cc			4300cc	5700cc			8100cc			
	Engine power PRP	41.6 HP			55.0 HP	100.5 HP			127.3 HP	132.7 HP	154.2 HP	156.8 HP
	Engine power LTP	48.3 HP	46.9 HP	48.3 HP	61.7 HP	108.6 HP			138.1 HP	146.1 HP	179.6 HP	183.6 HP
	Fuel cons. (75% load PRP)	263.5 ft³/hr			188.2 ft³/hr	223.0 ft³/hr	608.1 ft³/hr	767.4 ft³/hr	393.8 ft³/hr	440.2 ft³/hr	506.8 ft³/hr	
	Fuel cons. (100% load PRP)	321.4 ft³/hr			229.5 ft³/hr	271.9 ft³/hr	741.6 ft³/hr	935.8 ft³/hr	480.3 ft³/hr	536.8 ft³/hr	618.0 ft³/hr	
	Engine governor (standard)	Electronic										
	SYNCH. ALTERNATOR	Marathon										
	Insulation class	Class H										
	Voltage regulation	0.5%										

Note: Technical characteristics listed are not inclusive of any product customizations and the producer reserves the right to modify them for innovations without prior notice.

Industrial Generators

GEW Series | Diesel Units

Model Number	GEW30J	GEW40J	GEW50J	GEW65J	GEW75J	GEW100J	GEW125J	GEW160J	GEW190J	GEW220J	GEW260J	
480V (3 Phase)	PRIME POWER PRP	23kW (28.8kVA)	26kW (32.5kVA)	36kW (45kVA)	44kW (55kVA)	44kW (55kVA)	72kW (90kVA)	90kW (112.5kVA)	110kW (137.5kVA)	140kW (175kVA)	170kW (212.5kVA)	190kW (237.5kVA)
	EMER POWER LTP	25kW (31.3kVA)	30kW (37.5kVA)	42kW (52.5kVA)	52kW (65kVA)	52kW (65kVA)	80kW (100kVA)	100kW (125kVA)	124.8kW (156kVA)	155kW (193.8kVA)	180kW (225kVA)	210kW (262.5kVA)
	Voltage	480V										
	Frequency	60 Hz										
	Power factor	0.8 Cos										
208V (3 Phase)	PRIME POWER PRP	23kW (28.8kVA)	26kW (32.5kVA)	36kW (45kVA)	44kW (55kVA)	44kW (55kVA)	72kW (90kVA)	90kW (112.5kVA)	110kW (137.5kVA)	136kW (170kVA)	165kW (206.3kVA)	190kW (237.5kVA)
	EMER POWER LTP	25kW (31.3kVA)	30kW (37.5kVA)	42kW (52.5kVA)	52kW (65kVA)	52kW (65kVA)	80kW (100kVA)	100kW (125kVA)	124.8kW (156kVA)	151kW (188.8kVA)	176kW (220kVA)	210kW (262.5kVA)
	Voltage	208V										
	Frequency	60 Hz										
	Power factor	0.8 Cos										
240V (1 Phase)	PRIME POWER PRP	23kW (23kVA)	26kW (26kVA)	45kW (45kVA)	42kW (42kVA)	50kW (50kVA)	70kW (70kVA)	90kW (90kVA)	110kW (110kVA)	140kW (140kVA)	155kW (155kVA)	190kW (190kVA)
	EMER POWER LTP	25kW (25kVA)	30kW (30kVA)	45kW (45kVA)	50kW (50kVA)	60kW (60kVA)	75kW (75kVA)	100kW (100kVA)	125kW (125kVA)	155kW (155kVA)	175kW (175kVA)	210kW (210kVA)
	Voltage	240V										
	Frequency	60 Hz										
	Power factor	1.0 Cos										
Dimensions (LxWxH)	81.9 x 35.8 x 46.9		94.1 x 42.1 x 53.1			122.0 x 48.0 x 71.3		134.3 x 48.0 x 72.0				
Weight (dry)	1598 lbs	1649 lbs	1700 lbs	1878 lbs	2033 lbs	3078 lbs	3280 lbs	3909 lbs	4118 lbs	4438 lbs	4559 lbs	
DIESEL ENGINE	John Deere											
Exhaust emissions	Tier IV I Compliant		Tier III Compliant									
Cooling system	Water											
Speed	1800 RPM											
Displacement	2400cc				3050cc	4500cc			6800cc			
Engine power PRP	42.9 HP		73.7 HP		87.1 HP	115.3 HP	143.4 HP	179.6 HP	215.8 HP	286.9 HP		
Engine power LTP	48.3 HP		80.4 HP		96.5 HP	126.0 HP	158.2 HP	197.1 HP	237.3 HP	315.0 HP		
Fuel cons. (75% load PRP)	1.6 gal/h	1.8 gal/h	2.9 gal/h	2.6 gal/h	3.4 gal/h	4.2 gal/h	5.5 gal/h	6.2 gal/h	7.8 gal/h	8.5 gal/h	10.2 gal/h	
Fuel cons. (100% load PRP)	2.1 gal/h	2.3 gal/h	3.8 gal/h	3.5 gal/h	4.5 gal/h	5.6 gal/h	7.3 gal/h	8.3 gal/h	10.5 gal/h	11.3 gal/h	13.6 gal/h	
Engine governor (standard)	Electronic											
SYNCH. ALTERNATOR	Marathon											
Insulation class	Class H											
Voltage regulation	0.5%											

Note: Technical characteristics listed are not inclusive of any product customizations and the producer reserves the right to modify them for innovations without prior notice.

Industrial Generators

GSW Series | 15kW - 50kW Yanmar Series

	Model Number	GSW15Y	GSW25Y	GSW35Y	GSW50Y
480V (3 Phase)	PRIME POWER PRP	14 (17) kW (kVA)	18 (23) kW (kVA)	31 (39) kW (kVA)	42 (52) kW (kVA)
	EMER POWER LTP	15 (19) kW (kVA)	20 (25) kW (kVA)	32 (40) kW (kVA)	42 (53) kW (kVA)
	Voltage	480/277 Volt	480/277 Volt	480/277 Volt	480/277 Volt
	Frequency	60 Hz	60 Hz	60 Hz	60 Hz
	Power factor	0.8 Cos	0.8 Cos	0.8 Cos	0.8 Cos
208V (3 Phase)	PRIME POWER PRP	14 (17) kW (kVA)	18 (23) kW (kVA)	29 (36) kW (kVA)	39 (49) kW (kVA)
	EMER POWER LTP	15 (19) kW (kVA)	20 (25) kW (kVA)	30 (37) kW (kVA)	40 (51) kW (kVA)
	Voltage	208/120 Volt	208/120 Volt	208/120 Volt	208/120 Volt
	Frequency	60 Hz	60 Hz	60 Hz	60 Hz
	Power factor	0.8 Cos	0.8 Cos	0.8 Cos	0.8 Cos
240V (1 Phase)	PRIME POWER PRP	12.5 (12.5) kW (kVA)	17.5 (17.5) kW (kVA)	27.4 (27.4) kW (kVA)	38 (38) kW (kVA)
	EMER POWER LTP	14 (14) kW (kVA)	19 (19) kW (kVA)	30 (30) kW (kVA)	42 (42) kW (kVA)
	Voltage	240/120 Volt	240/120 Volt	240/120 Volt	240/120 Volt
	Frequency	60 Hz	60 Hz	60 Hz	60 Hz
	Power factor	1 Cos	1 Cos	1 Cos	1 Cos
	Tank capacity	21 US Gallons	21 US Gallons	21 US Gallons	21 US Gallons
	Autonomy (III) (75% PRP)	22 h	16.5 h	9.6 h	7.3 h
	Autonomy (III) (100% PRP)	16.5 h	12.4 h	7.2 h	5.5 h
	Dimensions (LxWxH)	70.9" x 32.7" x 51.2"	70.9" x 32.7" x 51.2"	78.7" x 36.2" x 51.2"	78.7" x 36.2" x 57.3"
	Weight (dry)	1,544 lbs	1,786 lbs	2,099 lbs	2,258 lbs
	DIESEL ENGINE	YANMAR 3TNV88	YANMAR 4TNV88	YANMAR 4TNV98	YANMAR 4TNV98T
	Exhaust emissions	EPA IV	EPA IV	EPA IV	EPA IV
	Cooling system	Water	Water	Water	Water
	Speed	1800 rpm	1800 rpm	1800 rpm	1800 rpm
	Displacement	100.2 cu. in.	133.6 cu. in.	202.5 cu. in.	202.5 cu. in.
	Cylinders and disposition	3 line n° disp.	4 line n° disp.	4 line n° disp.	4 line n° disp.
	Aspiration	Natural	Natural	Natural	Turbo
	Engine power PRP	20 bhp	29 bhp	55 bhp	67 bhp
	Engine power LTP	22 bhp	32 bhp	60 bhp	74 bhp
	Fuel cons. (III) (75% load PRP)	0.9 gal/h	1.2 gal/h	2.2 gal/h	2.8 gal/h
	Fuel cons. (III) (100% load PRP)	1.2 gal/h	1.7 gal/h	2.9 gal/h	3.8 gal/h
	Specific consumption PRP	0.397 lb/hph	0.397 lb/hph	0.363 lb/hph	0.386 lb/hph
	Engine governor (standard)	Mechanical	Mechanical	Electronic	Electronic
	SYNCH. ALTERNATOR	STAMFORD BCI184E	STAMFORD BCI184E (F, 1ph)	STAMFORD BCI184G (J, 1ph)	STAMFORD BCI184J (UCI 224D, 1ph)
	Power at 27°C (480V)	24 (30) Kwe (kVA)	24 (30) Kwe (kVA)	31 (39) Kwe (kVA)	42 (52) Kwe (kVA)
	Power at 27°C (208V)	22 (28) Kwe (kVA)	22 (28) Kwe (kVA)	29 (36) Kwe (kVA)	39 (49) Kwe (kVA)
	Power at 27°C (240V)	13 (16) Kwe (kVA)	13 (16) Kwe (kVA)	16 (20) Kwe (kVA)	22 (27) Kwe (kVA)
	Insulation class	H	H	H	H
	Mechanical protection	IP23	IP23	IP23	IP23
	Voltage regulation	Electronic / 1.5%	Electronic / 1.5%	Electronic / 1.5%	Electronic / 1.5%

Note: Technical characteristics listed are not inclusive of any product customizations and the producer reserves the right to modify them for innovations without prior notice.

Industrial Generators

GSW Series | 70kW - 200kW Perkins Series

	Model Number	GSW70P	GSW90P	GSW120P	GSW160P	GSW200P
480V (3 Phase)	PRIME POWER PRP	58 (73) kW (kVA)	74 (93) kW (kVA)	91 (114) kW (kVA)	125 (156) kW (kVA)	161 (201) kW (kVA)
	EMER POWER LTP	64 (80) kW (kVA)	82 (103) kW (kVA)	100 (125) kW (kVA)	142 (177) kW (kVA)	178 (223) kW (kVA)
	Voltage	480/277 Volt	480/277 Volt	480/277 Volt	480/277 Volt	480/277 Volt
	Frequency	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz
	Power factor	0.8 Cos	0.8 Cos	0.8 Cos	0.8 Cos	0.8 Cos
208V (3 Phase)	PRIME POWER PRP	56 (70) kW (kVA)	74 (92) kW (kVA)	90 (113) kW (kVA)	124 (155) kW (kVA)	160 (200) kW (kVA)
	EMER POWER LTP	58 (73) kW (kVA)	82 (102) kW (kVA)	96 (120) kW (kVA)	140 (175) kW (kVA)	175 (219) kW (kVA)
	Voltage	208/120 Volt	208/120 Volt	208/120 Volt	208/120 Volt	208/120 Volt
	Frequency	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz
	Power factor	0.8 Cos	0.8 Cos	0.8 Cos	0.8 Cos	0.8 Cos
240V (1 Phase)	PRIME POWER PRP	45 (45) kW (kVA)	68 (68) kW (kVA)	68 (68) kW (kVA)	96 (96) kW (kVA)	123 (123) kW (kVA)
	EMER POWER LTP	50 (50) kW (kVA)	74 (74) kW (kVA)	74 (74) kW (kVA)	106 (106) kW (kVA)	136 (136) kW (kVA)
	Voltage	240/120 Volt	240/120 Volt	240/120 Volt	240/120 Volt	240/120 Volt
	Frequency	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz
	Power factor	1 Cos	1 Cos	1 Cos	1 Cos	1 Cos
	Tank capacity	92 US Gallons	92 US Gallons	92 US Gallons	92 US Gallons	92 US Gallons
	Autonomy (III) (75% PRP)	25.5 h	21.3 h	18.1 h	12.4 h	9.7 h
	Autonomy (III) (100% PRP)	19.1 h	16 h	13.6 h	9.3 h	7.3 h
	Dimensions (LxWxH)	106.7" x 46.5" x 60.4"	106.7" x 46.5" x 60.4"	106.7" x 46.5" x 66.3"	133.9" x 49.2" x 66.1"	133.9" x 49.2" x 66.1"
	Weight (dry)	3,019 lbs	3,281 lbs	3,285 lbs	4,573 lbs	4,880 lbs
	DIESEL ENGINE	PERKINS 1104D-E44TG	PERKINS 1104D-E44TAG1	PERKINS 1104D-E44TAG2	PERKINS 1106D-E66TAG2	PERKINS 1106D-E66TAG4
	Exhaust emissions	EPA III	EPA III	EPA III	EPA III	EPA III
	Cooling system	Water	Water	Water	Water	Water
	Speed	1800 rpm	1800 rpm	1800 rpm	1800 rpm	1800 rpm
	Displacement	269.1 cu. in.	269.1 cu. in.	269.1 cu. in.	402.7 cu. in.	402.7 cu. in.
	Cylinders and disposition	4 line n° disp.	4 line n° disp.	4 line n° disp.	6 line n° disp.	6 line n° disp.
	Aspiration	Turbo	Turbo-Intercooler	Turbo-Intercooler	Turbo-Intercooler	Turbo-Intercooler
	Engine power PRP	87 bhp	110 bhp	134 bhp	182 bhp	233 bhp
	Engine power LTP	97 bhp	122 bhp	149 bhp	207 bhp	259 bhp
	Fuel cons (III) (75% load PRP)	3.6 gal/h	4.3 gal/h	5.1 gal/h	7.5 gal/h	9.5 gal/h
	Fuel cons (III) (100% load PRP)	4.8 gal/h	5.8 gal/h	6.8 gal/h	10 gal/h	12.7 gal/h
	Specific consumption PRP	0.383 lb/hph	0.363 lb/hph	0.35 lb/hph	0.377 lb/hph	0.376 lb/hph
	Engine governor (standard)	Mechanical	Electronic	Electronic	Electronic	Electronic
	SYNCH. ALTERNATOR	STAMFORD UCI 224 E	STAMFORD UCI 274 C	STAMFORD UCI 274 C	STAMFORD UCI 274 E	STAMFORD UCI 274 G
	Power at 27°C (480V)	64 (80) Kwe (kVA)	110 (138) Kwe (kVA)	110 (138) Kwe (kVA)	155 (194) Kwe (kVA)	203 (253) Kwe (kVA)
	Power at 27°C (208V)	58 (73) Kwe (kVA)	96 (120) Kwe (kVA)	96 (120) Kwe (kVA)	140 (175) Kwe (kVA)	175 (219) Kwe (kVA)
	Power at 27°C (240V)	36 (45) Kwe (kVA)	54 (68) Kwe (kVA)	54 (68) Kwe (kVA)	77 (96) Kwe (kVA)	99 (123) Kwe (kVA)
	Insulation	H	H	H	H	H
	Mechanical protection	IP23	IP23	IP23	IP23	IP23
	Voltage regulation	Electronic / 1.0%	Electronic / 1.0%	Electronic / 1.0%	Electronic / 1.0%	Electronic / 1.0%

Note: Technical characteristics listed are not inclusive of any product customizations and the producer reserves the right to modify them for innovations without prior notice.

Industrial Generators

GRW Series | 15kW - 50kW Yanmar Series

	Model Number	GRW15Y	GRW25Y	GRW35Y	GRW50Y
480V (3 Phase)	PRIME POWER PRP	-	18 (23) kW (kVA)	31 (39) kW (kVA)	42 (52) kW (kVA)
	EMER POWER LTP	-	20 (25) kW (kVA)	32 (40) kW (kVA)	42 (53) kW (kVA)
	Voltage	-	480/277 Volt	480/277 Volt	480/277 Volt
	Frequency	-	60 Hz	60 Hz	60 Hz
	Power factor	-	0.8 Cos	0.8 Cos	0.8 Cos
208V (3 Phase)	PRIME POWER PRP	-	18 (23) kW (kVA)	29 (36) kW (kVA)	39 (49) kW (kVA)
	EMER POWER LTP	-	20 (25) kW (kVA)	30 (37) kW (kVA)	40 (51) kW (kVA)
	Voltage	-	208/120 Volt	208/120 Volt	208/120 Volt
	Frequency	-	60 Hz	60 Hz	60 Hz
	Power factor	-	0.8 Cos	0.8 Cos	0.8 Cos
240V (1 Phase)	PRIME POWER PRP	12 (12) kW (kVA)	18 (18) kW (kVA)	20 (20) kW (kVA)	27 (27) kW (kVA)
	EMER POWER LTP	14 (14) kW (kVA)	20 (20) kW (kVA)	22 (22) kW (kVA)	30 (30) kW (kVA)
	Voltage	240/120 Volt	240/120 Volt	240/120 Volt	240/120 Volt
	Frequency	60 Hz	60 Hz	60 Hz	60 Hz
	Power factor	1 Cos	1 Cos	1 Cos	1 Cos
	Tank capacity	53 US Gallons	53 US Gallons	95 US Gallons	95 US Gallons
	Autonomy (III) (75% PRP)	61.0 h	42.0 h	54.0 h	38.0 h
	Autonomy (III) (100% PRP)	46.0 h	32.0 h	40.0 h	28.0 h
	Dimensions (LxWxH)	74.8" x 35.7" x 53.5"	74.8" x 35.7" x 53.5"	82.7" x 38.8" x 62.4"	82.7" x 38.8" x 62.4"
	Weight (dry)	1,993 lbs	2,174 lbs	2,286 lbs	2,438 lbs
	DIESEL ENGINE	Yanmar 3TNV88	Yanmar 4TNV88	Yanmar 4TNV98	Yanmar 4TNV98T
	Exhaust emissions	EPA IV	EPA IV	EPA IV	EPA IV
	Cooling system	Water	Water	Water	Water
	Speed	1800 rpm	1800 rpm	1800 rpm	1800 rpm
	Displacement	100.2 cu. in.	133.6 cu. in.	202.5 cu. in.	202.5 cu. in.
	Cylinders and disposition	3 line n° disp.	4 line n° disp.	4 line n° disp.	4 line n° disp.
	Aspiration	Natural	Natural	Natural	Turbo
	Engine power PRP	22 bhp	29 bhp	55 bhp	67 bhp
	Engine power LTP	24 bhp	32 bhp	60 bhp	74 bhp
	Fuel cons. (III) (75% load PRP)	0.9 gal/h	1.2 gal/h	2.2 gal/h	2.8 gal/h
	Fuel cons. (III) (100% load PRP)	1.2 gal/h	1.7 gal/h	2.9 gal/h	3.8 gal/h
	Specific consumption PRP	0.397 lb/hph	0.397 lb/hph	0.363 lb/hph	0.386 lb/hph
	Engine governor (standard)	Mechanical	Mechanical	Mechanical	Mechanical
	SYNCH. ALTERNATOR	STAMFORD BCI164C Dedicated	STAMFORD BCI184F	STAMFORD BCI184G	STAMFORD BCI184J
	Power at 27°C (480V)	-	30 (38) Kwe (kVA)	31 (39) Kwe (kVA)	42 (52) Kwe (kVA)
	Power at 27°C (208V)	-	27 (34) Kwe (kVA)	29 (36) Kwe (kVA)	39 (49) Kwe (kVA)
	Power at 27°C (240V)	14 (14) Kwe (kVA)	15 (19) Kwe (kVA)	16 (20) Kwe (kVA)	22 (27) Kwe (kVA)
	Insulation class	H	H	H	H
	Mechanical protection	IP23	IP23	IP23	IP23
	Voltage regulation	Electronic / 1.5%	Electronic / 1.5%	Electronic / 1.5%	Electronic / 1.5%

Note: Technical characteristics listed are not inclusive of any product customizations and the producer reserves the right to modify them for innovations without prior notice.

Industrial Generators

GRW Series | 70kW - 200kW Perkins Series

	Model Number	GRW70P	GRW90P	GRW120P	GRW160P	GRW200P
480V (3 Phase)	PRIME POWER PRP	58 (73) kW (kVA)	74 (93) kW (kVA)	91 (114) kW (kVA)	125 (156) kW (kVA)	161 (201) kW (kVA)
	EMER POWER LTP	64 (80) kW (kVA)	82 (103) kW (kVA)	100 (125) kW (kVA)	142 (177) kW (kVA)	178 (223) kW (kVA)
	Voltage	480/277 Volt	480/277 Volt	480/277 Volt	480/277 Volt	480/277 Volt
	Frequency	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz
	Power factor	0.8 Cos	0.8 Cos	0.8 Cos	0.8 Cos	0.8 Cos
208V (3 Phase)	PRIME POWER PRP	56 (70) kW (kVA)	74 (92) kW (kVA)	90 (113) kW (kVA)	124 (155) kW (kVA)	160 (200) kW (kVA)
	EMER POWER LTP	58 (73) kW (kVA)	82 (102) kW (kVA)	96 (120) kW (kVA)	140 (175) kW (kVA)	175 (219) kW (kVA)
	Voltage	208/120 Volt	208/120 Volt	208/120 Volt	208/120 Volt	208/120 Volt
	Frequency	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz
	Power factor	0.8 Cos	0.8 Cos	0.8 Cos	0.8 Cos	0.8 Cos
240V (1 Phase)	PRIME POWER PRP	45 (45) kW (kVA)	68 (68) kW (kVA)	68 (68) kW (kVA)	96 (96) kW (kVA)	123 (123) kW (kVA)
	EMER POWER LTP	50 (50) kW (kVA)	74 (74) kW (kVA)	74 (74) kW (kVA)	106 (106) kW (kVA)	136 (136) kW (kVA)
	Voltage	240/120 Volt	240/120 Volt	240/120 Volt	240/120 Volt	240/120 Volt
	Frequency	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz
	Power factor	1 Cos	1 Cos	1 Cos	1 Cos	1 Cos
	Tank capacity	128 US Gallons	128 US Gallons	128 US Gallons	260 US Gallons	260 US Gallons
	Autonomy (III) (75% PRP)	36.0 h	30.0 h	25.0 h	37.0 h	27.0 h
	Autonomy (III) (100% PRP)	27.0 h	22.0 h	19.0 h	27.0 h	20.0 h
	Dimensions (LxWxH)	110.2" x 48.1" x 70.4"	110.2" x 48.1" x 70.4"	110.2" x 48.1" x 70.4"	143.7" x 51.6" x 76.2"	143.7" x 51.6" x 76.2"
	Weight (dry)	3,977 lbs	4,167 lbs	4,167 lbs	6,290 lbs	6,585 lbs
	DIESEL ENGINE	Perkins 1104D-E44TG	Perkins 1104D-E44TAG1	Perkins 1104D-E44TAG2	Perkins 1106D-E66TAG2	Perkins 1106D-E66TAG4
	Exhaust emissions	EPA III	EPA III	EPA III	EPA III	EPA III
	Cooling system	Water	Water	Water	Water	Water
	Speed	1800 rpm	1800 rpm	1800 rpm	1800 rpm	1800 rpm
	Displacement	269.1 cu. in.	269.1 cu. in.	269.1 cu. in.	402.7 cu. in.	402.7 cu. in.
	Cylinders and disposition	4 line n° disp.	4 line n° disp.	4 line n° disp.	6 line n° disp.	6 line n° disp.
	Aspiration	Turbo	Turbo-Intercooler	Turbo-Intercooler	Turbo-Intercooler	Turbo-Intercooler
	Engine power PRP	87 bhp	110 bhp	134 bhp	182 bhp	233 bhp
	Engine power LTP	97 bhp	122 bhp	149 bhp	207 bhp	259 bhp
	Fuel cons (III) (75% load PRP)	3.6 gal/h	4.3 gal/h	5.1 gal/h	7.5 gal/h	9.5 gal/h
	Fuel cons (III) (100% load PRP)	4.8 gal/h	5.8 gal/h	6.8 gal/h	10.0 gal/h	12.7 gal/h
	Specific consumption PRP	0.383 lb/hph	0.363 lb/hph	0.350 lb/hph	0.377 lb/hph	0.376 lb/hph
	Engine governor (standard)	Mechanical	Electronic	Electronic	Electronic	Electronic
	SYNCH. ALTERNATOR	STAMFORD UCI 224 E	STAMFORD UCI 274 C	STAMFORD UCI 274 C	STAMFORD UCI 274 E	STAMFORD UCI 274 G
	Power at 27°C (480V)	79 (99) Kwe (kVA)	106 (133) Kwe (kVA)	124 (155) Kwe (kVA)	150 (188) Kwe (kVA)	220 (275) Kwe (kVA)
	Power at 27°C (208V)	71 (89) Kwe (kVA)	93 (116) Kwe (kVA)	110 (138) Kwe (kVA)	136 (170) Kwe (kVA)	200 (250) Kwe (kVA)
	Power at 27°C (240V)	45 (56) Kwe (kVA)	54 (68) Kwe (kVA)	63 (79) Kwe (kVA)	77 (96) Kwe (kVA)	114 (143) Kwe (kVA)
	Insulation	H	H	H	H	H
	Mechanical protection	IP23	IP23	IP23	IP23	IP23
	Voltage regulation	Electronic / 1.5%	Electronic / 1.5%	Electronic / 1.5%	Electronic / 1.5%	Electronic / 1.5%

Note: Technical characteristics listed are not inclusive of any product customizations and the producer reserves the right to modify them for innovations without prior notice.

Vx Series Portables

Model Number	PM0101207 PC0101207	PM0103007 PMC103007 PC0103007	PM0105007 PMC105007 PC0105007	PM0106507 PMC106507 PC0106507
Starting	Manual	Manual	Manual	Electric
Rated Watts	1200 Watts	3000 Watts	5000 Watts	6500 Watts
Surge Watts	1400 Watts	3750 Watts	6250 Watts	8125 Watts
Engine Series	Powermate OHV	Powermate OHV	Powermate OHV	Powermate OHV
Engine Displacement	98cc	212cc	389cc	420cc
Oil Alert	No	Yes	Yes	Yes
USDA-Qualified Spark Arrester/Muffler	Yes	Yes	Yes	Yes
Low Oil Shutdown	Yes	Yes	Yes	Yes
Fuel Tank Capacity	1.5 Gallon	4.0 Gallon	6.5 Gallon	6.5 Gallon
Fuel Gauge	Yes	Yes	Yes	Yes
Run Time @ ½ Load	12 Hours	12 Hours	11 Hours	9 Hours
Dimensions L x W x H (inches)	19 x 14.25 x 17	24 x 18 x 18	28 x 22 x 22	28 x 22 x 22
Dry Weight	64 lbs	99 lbs	164 lbs	179 lbs
Wheel Kit	No	Included - 8"	Included - 10"	Included - 10"
Outlets	(1) 120V 5-15R Duplex, (1) 12V DC	(2) 120V 5-20R Duplex, (1) 120/240V L14-30R, (1) 12V DC	(2) 120V 5-20R Duplex, (1) 120/240V L14-30R, (1) 12V DC	(2) 120V 5-20R Duplex, (1) 120/240V L14-30R, (1) 12V DC, (1) 120V L5-30R

Standard and Elite Series

Briggs & Stratton Portable Generators

Model Number	MGP5502	MGP7000 (Elite)	MGP8002 (Elite)
Rated/Surge Watts	5500W Rated / 6875W Surge	7000W Rated / 8750 Surge	8000W Rated / 10000W Surge
Engine Series	1650 Series™ OHV	2100 Series™ OHV	2100 Series™ OHV
Gross Torque	16.50 ft-lbs	21.00 ft-lbs	21.00 ft-lbs
Engine Displacement	342cc	420cc	420cc
Fuel Tank Capacity	7 Gallons	7 Gallons	7 Gallons
Run Time @ ½ Load	10 Hours	9 Hours	9 Hours
Alternator	Power Surge™	Power Surge™	Power Surge™
Starting	Recoil	Recoil/Electric	Recoil/Electric
Muffler	Super Lo-Tone™	Super Lo-Tone™	Super Lo-Tone™
Wheel Kit	10 in.	12 in.	12 in.
Warranty	2-Year Limited	3-Year Limited	3-Year Limited
Outlets	(4) 120V-20A, (1) 120/240V-30A locking	(4) 120V-20A, (1) 120/240V-30A locking	(4) 120V-20A, (1) 120/240V-30A locking
Float Charge Jack	No	Yes	Yes

Pramac S Series Portables

Model Number	S3100	S4000	S6000	S7200	S14000
Rated Watts	2600 Watts	3800 Watts	5300 Watts	6100 Watts	11700 Watts
Surge Watts	3100 Watts	4000 Watts	6000 Watts	7200 Watts	14000 Watts
Engine	Honda GX160	Honda GX240	Honda GX340	Honda GX390	Honda GX630
Fuel Tank Capacity	2.9 Gallons	7 Gallons	8 Gallons	8 Gallons	8 Gallons
Dimensions (inches)	22.8 x 16.5 x 18.0	29.1 x 22.3 x 25.6	31.4 x 22.3 x 25.6	31.4 x 22.3 x 26.3	38.9 x 22.4 x 32
Dry Weight	88 lbs	160 lbs	188 lbs	199 lbs	316 lbs

Pramac Powermate Portables

Model Number	PM0435006	PM0675700	PM0676800	PM0676801	PM0497000.04	PM0418000	PM0601250
Rated Watts	5000 Watts	5700 Watts	6800 Watts	6800 Watts	7000 Watts	8000 Watts	12500 Watts
Surge Watts	6250 Watts	7125 Watts	8500 Watts	8500 Watts	8750 Watts	10000 Watts	15625 Watts
Engine Series	Subaru EX90	Yamaha MZ 300	Yamaha MZ 360	Yamaha MZ 360	Honda GX390	Kohler PS-44550	Subaru EH65
Engine Displacement	287cc	301cc	357cc	357cc	389cc	426cc	653cc
Oil Alert	Yes						
USDA-Qualified Spark Arrester/Muffler	Yes	No				Yes	No
Noise Level @ 22 ft.	72.4 dBA	77 dBA	77.2 dBA	77.2 dBA	76.3 dBA	76.1 dBA	78 dBA
Fuel Tank Capacity	5.0 Gallon	6.5 Gallon	8 Gallon				
Fuel Gauge	No			Yes			
Run Time @ ½ Load	9.2 Hours	10 Hours	11.6 Hours	11.4 Hours	10.54 Hours	9.95 Hours	6 Hours
Dimensions L x W x H (inches)	29 x 21 x 25	29 x 21 x 26	31 x 21 x 24	31 x 21 x 24	31 x 21 x 24	31 x 21 x 30	39 x 22 x 30
Dry Weight	167 lbs	182 lbs	210 lbs	185 lbs	199 lbs	249 lbs	336 lbs
Outlets	(2) 120V 5-20R Duplex, (1) 120/240V L14-20R					(2) 120V 5-20R Duplex, (1) 120/240V	(1) 120V L5-30R, (1) 120/240V 14-50R, (2) 120V 5-20R GFCI Duplex

DeWALT Portable Generators

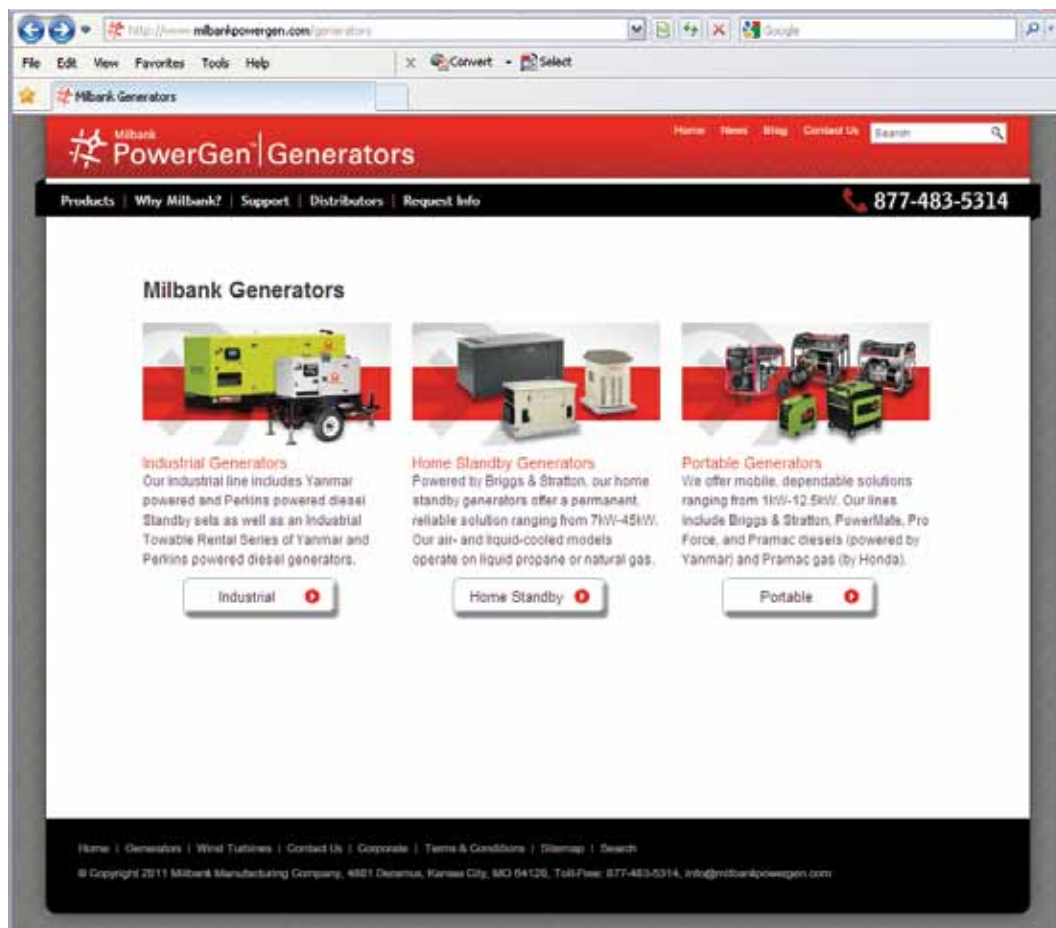
Model Number	DG3000 DG3000C (CARB)	DG4400B DG4400BC (CARB)	DG6300B	DG7000B
Max Watts	3000 Watts	4400 Watts	6300 Watts	7000 Watts
Max/Rated Current (120/240V)	2920 Watts	4180 Watts	5950 Watts	6550 Watts
Alternator Type	Brushless	Brushless	Brushless	Brushless
Fuel Tank Capacity	3.3 Gallons	4.8 Gallons	4.8 Gallons	4.8 Gallons
Run Time @ 50% Output	8 Hours	8 Hours	8 Hours	8 Hours
Noise Level @ 21 ft.	74 dBA	72 dBA	72 dBA	72 dBA
Dimensions (inches)	23.6 x 19.3 x 20.5	24 x 19 x 21	28 x 22 x 22	28 x 22 x 22
Dry Weight	118 lbs	223 lbs	246 lbs	261 lbs

Important Warranty Information

DeWALT portable generators come with a 2-year engine warranty and a 2-year product warranty.

These units are also eligible for 2-year free maintenance on spark plugs, fuel filter, air filter and oil. Log onto DeWALT.com/2YearGeneratorMaintenance to register your new generator to be eligible for the free maintenance offer.

If you should have any questions or run into maintenance issues with any Milbank Home Standby Generator product, we recommend you first contact the contractor who performed the original installation. First-hand knowledge of your original system installation makes them best equipped to field questions and perform any necessary maintenance. Oftentimes installers will also offer you special maintenance agreements once the original system is installed, making any potential mechanical problems less worrisome.



Milbank OneSERT

Your one-stop emergency response team

The next natural disaster affecting your area is not a matter of **IF**, it's a matter of **WHEN**. And when that time comes, you need immediate world-class service. That's why Milbank Manufacturing offers OneSERT, your One-Stop Emergency Response Team to get you the product you need, when you need it.

During the unprecedented winter storms in early 2011, Milbank was able to react quickly and ship out a truckload of portable generators to an electrical distributor in the Midwest in less than an hour.

A single call to 800-227-5564 sets the OneSERT team in motion:

- After-hours call support 24 hours per day, 365 days per year
- During Milbank normal business hours 8am-5pm CST - call 877-483-5314
- Single point of contact to coordinate all aspects of the emergency
- Expedited product availability
- Optional solutions on product applications
- Fast, reliable service

When a natural disaster strikes your area, put the country's leading manufacturer of meter sockets and related products on your team. Call Milbank's OneSERT emergency line at 800-227-5564 or visit www.OneSERT.com.

Note: this program is available *only* to our current electrical distributors.



www.OneSERT.com
800-227-5564

What is the difference between portable generators and automatic home standby generators?

The differences have to do with the steps needed to have emergency power flowing into your house in the event of a power outage. Portable systems are wheeled units that require you to roll the generator outside, start it up, and hook it up to a power inlet box. From there you must go to the transfer switch panel installed near your circuit breakers and switch the power coming into your house from the main line to the generator running outside. After the power from your local utility is restored, you are required to reverse the setup process.

One of the clear advantages with an automatic home generator system is that the unit turns itself on and off automatically without you ever having to leave the safety of your home. Our automatic home generator systems also exercise themselves once a week. You can even set the time when the unit will perform this diagnostics check. The generator will then be ready to run whenever needed.

Also, most portable generators have a high total harmonic distortion (voltage fluctuation) which is not recommended for sensitive electronics. Our home standby generators run at 5% THD or less, assuring clean power.

How does the home generator system work?

At the point of loss of utility power, the system will wait approximately 6 seconds to start (this is to verify that the power is going to stay out). After it has started it will go through a warm up period of 20 seconds. After this time the transfer switch will change over to generator power. The house will remain under generator power for a minimum of five minutes, even if the utility power comes back on. After utility has come back on, and the generator has powered up the house for at least five minutes, the transfer switch will go back to utility power after 10 seconds. The generator will then run one minute to cool down before turning itself off.

What size standby generator do I need to run the electric items in my house during a power outage?

Most average homes of 1,200 to 3,000 sq. ft. can run critical items in the home by using a 5,000-7,000 watt generator. The most common items that need emergency power during a blackout would be the furnace blower motor, refrigerator, freezer, lights, TV, sump pump, and water pumps. Larger home generator systems in the 10-15KW range

will quietly supply as much as 18,000 watts of starting power to your home automatically, giving your family the power, freedom and comfort of their usual lifestyle uninterrupted by power failure. The 12-20kW generators allow you to supply power to both essential items and up to six high wattage appliances including two central air units for the ultimate in comfort and control.

Can I run a computer or other sensitive electronic equipment off the generator during a power outage?

Yes. The power coming from your generator is just as safe as what you normally have coming out of the wall socket. The spikes or surges that accompany power generation (also known as "harmonic distortion") are just a normal aspect of electricity. However, when considering sensitive or expensive electronic equipment running off a wall outlet, you should use a good surge protector to guard against small influxes of power.

Does motor starting require a different wattage?

Yes. Induction motors require larger amounts of amperage for initial start-up than when they are running. Some appliances and tools, such as your refrigerator/freezer, furnace fan, air conditioner, electric chain saw, weed trimmer, etc. will require more watts than normal running wattage for motor starting. This must be considered when sizing a generator to meet your needs.

What does a home generator system typically cost?

When you choose the safety, reliability and automatic operation of a home generator system, there are several items that contribute to the total cost: the cost of the system itself, a transfer switch, and installation charges. Optional maintenance contracts can also add to the cost if you choose one. Costs may vary depending on the size of the unit, transfer switch used, location of installation, and permits required for installation. Check with your local sales representative.

Can I run my central air conditioner on the home generator system?

Yes. We have designed a transfer switch that will monitor loads on the generator, under emergency power, allowing you to run a central air unit at a 4-ton rating or less on our 12kW and 15kW generator systems. They are available in 100 or 200 amp sizes. We also offer a load control center to aid in running air conditioning systems.

What is a transfer switch?

A transfer switch is a device that is fed by both utility and generator power. It isolates the two types of power from each other so a back feed does not occur. National Electrical Code requires a device like this if two types of power are going to feed the house.

How do I know what size transfer switch I need?

There are many factors that will determine the size transfer switch needed (size of utility service, appliances needed to run, size of generator, etc). The transfer switches available vary from 100 and 200 amps. Call 877-483-5314 or inquire with your local sales representative for assistance. The 100 and 200 amp transfer switches are for whole house power and feed the entire distribution panel.

What is the Load Control Center and how can it benefit me?

With our power management transfer switch, there must be room on the generator for a central air unit to run. The LCC isolates six circuits from your main distribution panel to allow the air conditioner to start when it wants. Basically, the LCC makes room on the generator. These would be circuits that you would not mind being turned off for a short period of time while the A/C runs. You can hook these circuits up in priority, 1 is the highest priority and 6 is the lowest. Discuss with a contractor how you want each item hooked up.

How do I purchase a generator? Who do I contact?

If you are interested in learning more about our products or are looking for information on how to purchase, please call 877-483-5314.

Can I install the unit myself or does someone else need to?

It is recommended that you have your home generator system (generator and transfer switch) installed by a licensed contractor. Failure to do so could be dangerous for both family members as well as outside repair workers trying to fix downed power lines. In addition, professional installation is required to maintain the warranty. They would also make sure that all the necessary permits are pulled to verify it will pass code and safety inspection. Most Milbank Home Generator Systems dealers are capable of not only performing the necessary installation, but can also offer maintenance agreements that ensure the generator is being serviced on a regular basis. Check with your local sales representative for more information.

What happens in a typical installation?

A basic installation includes:

- Delivery of the system to dealer. Additional charges for drop ship to consumer.
- Installation of the 50, 100 or 200 amp transfer switch hardwired into your home or business.
- The transfer switch is installed within two feet of the main distribution panel and 30 feet of the generator inlet box.
- Final start up inspection of system and completion of start up form.
- Cleanup of installation debris after installation is completed.
- Consumer is responsible for making arrangements to provide all necessary gas service and connections.

What does Automatic Voltage Regulation (AVR) do for me?

The 7kW home standby system features AVR. AVR maintains a more steady voltage than something that is not regulated. This is especially important for running sensitive electronics such as computers, microwaves, and televisions.

What is the warranty?

The warranties will vary depending upon the unit that is purchased. Entry level systems will carry a 2-year warranty; while more advanced systems carry a 3-year/1,500 hour warranty. There is also a fourth year power train warranty with our more advanced units. To validate your warranty, simply return the postage paid installation checklist.

Do I need to start the generator frequently when it is not being used?

One of the advantages of the 7, 10, 12, and 15kW automatic home generator systems is that they are designed to run once a week for 20 minutes. All you have to do is program when you want this task to be performed and it will start up automatically. During this time it will not only lubricate the engine, but it will also run a diagnostics check. If there are any problems with this process, an LED display located inside the front access panel or your in-home remote performance monitor will alert you to a problem if one exists.

How long will a unit run before I have to let it cool down or refill it with fuel?

Another advantage of our home generator systems is that they run on liquid propane or natural gas, so they don't need to be refueled as often, if at all. Additionally, rest periods to allow cooling are not necessary. All Milbank home generator systems are air- or liquid-cooled and do not require you to turn them off after extended run times. However, you will need to turn off the unit before refueling (if running on liquid propane) or when checking the oil levels which should be done on a regular basis during and after extended use (refer to your owner's guide for instructions).

Do I have to worry about "backfeed" if the generator is running when the power comes back on?

No. All of our transfer switches are designed to keep generator backfeed from occurring. When the contractor installs the transfer switch, it will be connected directly to the utility power. A control board will be able to sense when the utility power has returned to transfer back to utility (it is programmed so the generator powers up the house for a minimum of five minutes). Everything is programmed so that one source of power is broken before another source of power is made.

How often do I have to change the oil?

The engine maintenance manual recommends 50-hour intervals between oil changes and 100-hour intervals for the oil filter. We do require that 5W30 fully synthetic oil be used when replacing the oil. This will enable the engine to stabilize quicker (it has 20 seconds to do this). All home generator systems are shipped fully lubricated and the engines broken in; no break-in of the engine needs to be performed.

Who do I call if I have any questions or maintenance issues?

We recommend that you first contact the person or contractor who performed the original installation. First-hand knowledge of your original system installation makes them best equipped to field questions and perform any needed maintenance. Oftentimes installers will also offer you special maintenance agreements once the original system is installed, making any potential mechanical problems less worrisome. You can also call Milbank at 877-483-5314 if a problem requires additional help.

Can I vent exhaust out of an enclosed area?

No. Carbon monoxide gases produced by the engine could be deadly. Milbank home generator systems are designed to be run outside only where there is plenty of ventilation. Never run these units inside a home or enclosed area. All Milbank home generator systems are permanently installed outside your home.

Can I run the generator inside my home?

No! A generator has an internal combustion engine and uses gas and oil. The exhaust from running a generator contains lethal carbon monoxide. Therefore, this unit should always be placed in a well-ventilated area and never run or be installed in an enclosed area.

How can I get more information on Milbank Home Generator Systems?

You can request information and support through our web site at www.milbankpowergen.com or by calling 877-483-5314.



Milbank

PowerGen™ Generators

GenCat 5/11 (3K)

Milbank PowerGen™

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