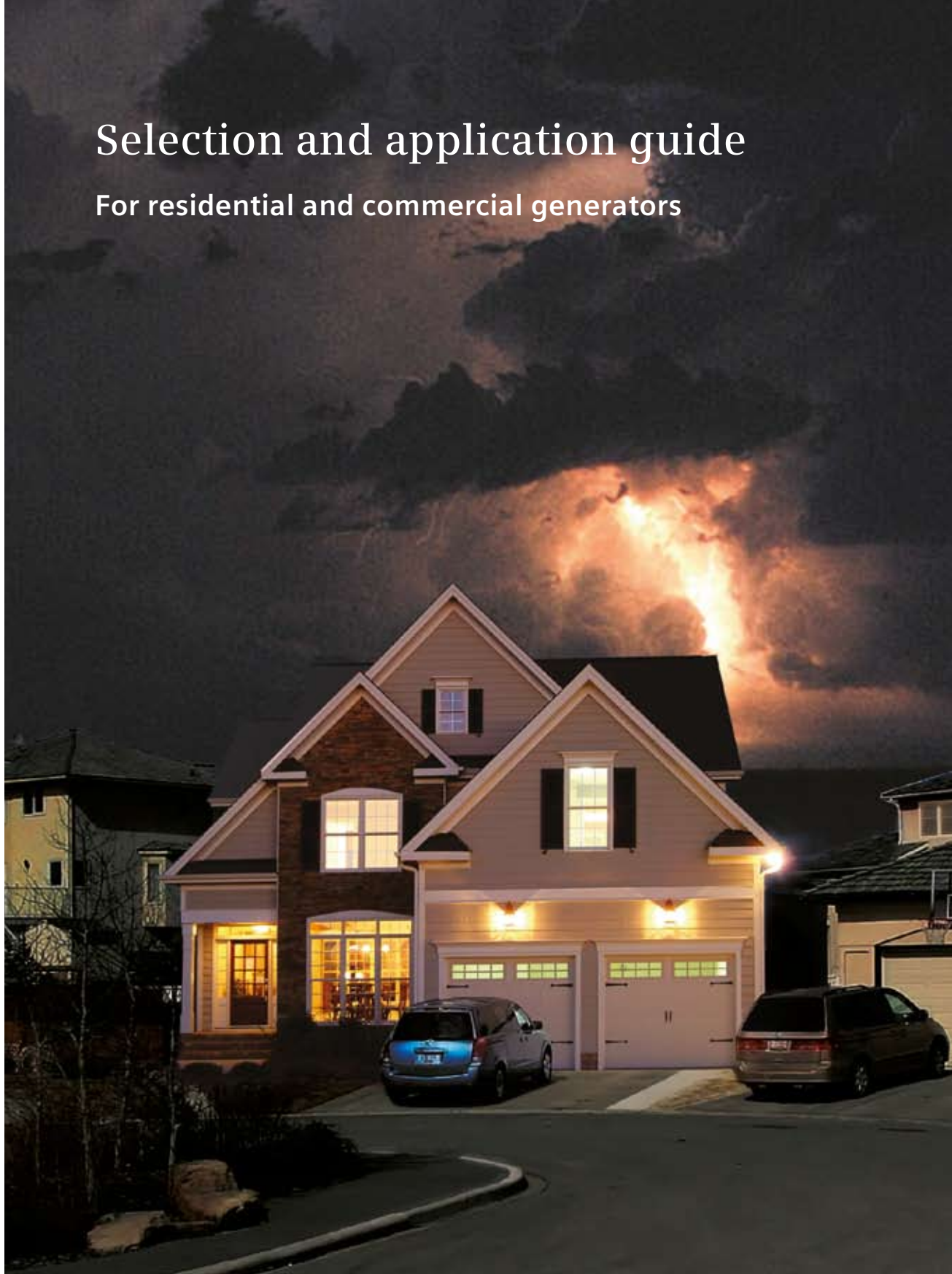


# Selection and application guide

For residential and commercial generators



## Standby power systems

Answers for industry.

**SIEMENS**

## Contents

Industry leading system controls

1-2

Air Cooled Standby Generators

3

Liquid Cooled Standby Generators

4 - 19

"S" Type Transfer Switches

20-21

Generator Ready Load Center

21

"X" Type Transfer Switches

23

Portable Generators

24

Manual Transfer Interlock Kits

25-26

Standby Generator Ratings/Maintenance Kits

27

Accessories

28-29

# Industry leading system controls



**Type "R" Digital LCD Controller**  
Siemens Type "R" Digital LCD Controller with built-in governor control monitors the utility voltage and displays system faults such as overcrank, overspeed, high coolant temperature, low coolant level, low oil pressure, and low battery. This high-quality controller also oversees the transfer switch, exercise function, and the Quiet-Test™ feature. Exclusive features include Large LCD Display, programmable exercise timer, and wireless remote annunciator capability (select models only)

## Control functions

Full system monitoring

- Oil pressure
- Coolant temperature
- Engine speed
- Coolant level
- Cranking time
- Starter lockout (engagement and disengagement)
- Utility sensing

## Shutdown indicators

- Overspeed and overcrank
- Low oil pressure
- High coolant temperature
- Low coolant level
- Low fuel pressure
- Low battery voltage

## Quiet-Test™ control

## Easy to install

The Siemens Air Cooled Generators are easy to install and easy to maintain. All voltage and control functions are preset at the factory, so work at the job-site is quick and easy. There's nothing to reset; nothing to reconfigure.

## Compatibility

Compatible with "S" Type transfer switches.

- Provided with all 8, 10, 14, 17, and 20 kW air cooled generators



**Type "R" Digital Controller**  
Siemens Type "R" Digital Controller with built-in governor control monitors the utility voltage and displays system faults such as overcrank, overspeed, high coolant temperature, low coolant level, low oil pressure, and low battery. This high-quality controller also oversees the transfer switch, exercise function, and the Quiet-Test™ feature.

## Control functions

Full system monitoring

- Oil pressure
- Coolant temperature
- Engine speed
- Coolant level
- Cranking time
- Starter lockout (engagement and disengagement)
- Utility sensing

## Shutdown and LED indicators

- Overspeed and overcrank
- Low oil pressure
- High coolant temperature
- Low coolant level
- Low fuel pressure
- Low battery voltage

## Quiet-Test™ control

## Easy to install

The Siemens Liquid Cooled Series, like our category-leading air cooled products, are easy to install and easy to maintain. All voltage and control functions are preset at the factory, so work at the job-site is quick and easy. There's nothing to reset; nothing to reconfigure.

## Compatibility

Compatible with "S" Type transfer switches.

- Provided with all 20, 25, 35, 45, and 60 kW liquid cooled generators

# Industry leading system controls



## PowerManager® "H" Type

Siemens new PowerManager® "H" Type brings generator control and monitoring to a new level of sophistication. It's not only ahead of the competition, it's ahead of its time. This full-featured controller boasts 32-bit processing for quick and simultaneous monitoring of all key generator functions, including engine protection, voltage regulation, and governor regulation.

## Control functions

- All of the "R" Type control functions, plus
- Full range standby operation
- Full system status
  - 3 phase AC Volts and current
  - Alternator frequency
  - kW, kVA, power factor
  - Fuel pressure
  - Alarms and warnings
  - Transfer switch status
  - Operating hours
  - Service reminders
  - Trending
  - Utility sensing
- Fault protection for generator windings
- 3 phase sensing voltage regulator
- Isochronous speed regulation

## Compatibility

Compatible with "X" Type transfer switches.

- Provided with all 70, 80, 100, 130, and 150 kW generators

## System features

- Two 4-line x 20-character LCD displays
- Engine governor and voltage regulator built into digital controller
- Hermetically sealed circuit board in a die-cast aluminum enclosure
- Waterproof connections
- Audible alarm
- Service-friendly diagnostics
- Built in PLC for user I/Os
- Integrated automatic transfer switch controller for Generac HTS transfer switches
- Advanced engine sensors eliminate false signals and interference
- Quiet-Test™ control
- Industry standard 2-wire start

## Catalog logic - Easy order selection guide

Standby Power Generators			Voltage R = 120/240V, 1Ø C = 120/208V, 3Ø J = 120/240V, 3Ø I = 277/480V, 3Ø	Fuel G = Natural gas P = Liquid propane vapor B = Accepts both	Enclosure S =Steel A = Aluminum	Speed Blank = 3600 RPM L = 1800 RPM T = Turbo Charge**
Air Cooled	ASG	008	R	B	S	
		010	R	B	S	
		014	R	B	S	
		017	R	B	S, A	
		020	R	B	A	
Liquid Cooled	SG	022	R, C, J	B	A	L
		025	R, C, J	B	S	
		027	R, C, J	B	A	L
		030	R, C, J	B	S	
		036	R, C, J, I	B	A	L
		045	R, C, J, I	B	S	
		048	R, C, J, I	B	A	L
		060	R, C, J, I	G, P	S, A	T
		070	R, C, J, I	G, P	S, A	L
		080	R, C, J, I	G, P	S, A	
		100	R, C, J, I	G, P	S, A	L*
		130	R, C, J, I	G, P	S, A	
		150	R, C, J, I	G, P	S, A	
Transfer Switches S = 8-60 kW generators only X = 70-150 kW generators only		Enclosure T = Indoor R = Outdoor	Amperage	Voltage R = 1Ø 120/240V C = 3Ø 120/208V J = 3Ø 120/240V I = 3Ø 277/480V	Service Disconnect Blank = No D = Yes	Branch Circuits
S		T	100	R		10C, 14C, 16C
S		R	100, 200, 400	R	Blank, D	
S		R	100, 200, 400	R, C, J, I		
X		T, R	100, 150, 200, 300	R, C, J, I		

\* 2300 RPM

\*\* 3600 RPM

# Air Cooled Standby Generators

8, 10, 14, 17, 20 kW **NEW**

### Standard features

- UL 2200 Listed
- Air cooled
- Four-cycle industrial engines provide durable, reliable, long life
- Operate on either natural gas or propane vapor<sup>①</sup>
- Composite mounting pad approved to eliminate need to pour concrete pad<sup>②</sup>
- Automatic high temperature, low oil pressure, over speed, and over crank shut down
- Low battery voltage indicator
- Standard safety fuse
- Compatible with "S" Type automatic transfer switches
- Provided with Type "R" controller
- Dimensions (inches)  
48 × 25 × 29



Generators shown on this page are ideal for smaller single family residential constructions, or partial loads on larger residential constructions. These panels can help support critical loads most required when power is interrupted.

### Typical load requirements<sup>③</sup>

Description	kW
Electric Heat per 1,000 ft. <sup>2</sup>	12.0
Heat Pump Elements per 1,000 ft. <sup>2</sup>	7.0
Dryer	5.5
Hot Tub	5.0
Range Oven	5.0
Hot Water Heater	4.5
Stove Top Burner	1.5
General Receptacles per 1,000 ft. <sup>2</sup>	1.0
Dishwasher	1.5
Blow Dryer	1.3
AC (per ton)	1.0
Microwave	1.0
Toasters	1.0
Lighting per 1,000 ft. <sup>2</sup>	0.8

120/240 1Ø	120/208 3Ø	277/480 3Ø	NG	LPV	Steel	Aluminum
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Compatible Transfer Switches
ST100R10C
ST100R14C
ST100R16C
SR100R
SR100RD
SR200R
SR200RD
SR400R
SR400RD

kW Rating	Catalog number	Dimensions (inches)	Voltage	Fuel <sup>①</sup>	Encl.	Engine size
8	ASG008RBS	48 × 25 × 29	X	X	X	410CC
10	ASG010RBS	48 × 25 × 29	X	X	X	530CC
14	ASG014RBS	48 × 25 × 29	X	X	X	992CC
17	ASG017RBS	48 × 25 × 29	X	X	X	992CC
17	ASG017RBA	48 × 25 × 29	X	X	X	992CC
20 (NEW)	ASG020RBA	48 × 25 × 29	X	X	X	999CC

① Product ships ready for natural gas. Minor adjustments required for liquid propane vapor use. See owners manual.  
② Check local code requirements.  
③ Estimated averages. Actual requirements vary by brand, model, size and other factors.



# Liquid Cooled Standby Generators

High speed models (3600 RPM), 120/240V single phase

**Standard features**

- UL 2200 Listed
- Liquid cooled
- Operate on either natural gas or propane vapor<sup>①</sup>
- Automatic high temperature, low coolant, low oil pressure, and over speed shutdown
- Automatic voltage regulator with over voltage protection
- Safety fuse included
- Quiet run weekly self test
- Compatible with "S" Type automatic transfer switches<sup>②</sup>
- Provided with Type "R" controller



25 and 30 kW generators shown on this page are ideal for whole house back up for larger home and small businesses.



45 and 60 kW generators shown on this page are ideal for most commercial applications including small office buildings, churches, retail centers, schools, and restaurants. Being light weight makes them appropriate for roof mounting.

**Steel enclosures**

kW Rating	Catalog number	Dimensions (inches)	Engine size	Fuel
25	SG025RBS	72 × 30 × 38	1.6 L	Both
30	SG030RBS	72 × 30 × 38	1.6 L	Both
45	SG045RBS	77 × 34 × 46	2.4 L	Both
60	SG060RGST	89 × 34 × 48	2.4 L	Natural gas
60	SG060RPST	89 × 34 × 48	2.4 L	Liquid propane

**Aluminum enclosures**

kW Rating	Catalog number	Dimensions (inches)	Engine size	Fuel
60	SG060RGAT	89 × 34 × 48	3.0 L	Natural gas
60	SG060RPAT	89 × 34 × 48	3.0 L	Liquid propane

Compatible Transfer Switches
SR100R
SR100RD
SR200R
SR200RD
SR400R
SR400RD

① Product ships ready for natural gas. Minor adjustments required for liquid propane vapor use. See owners manual.  
② Not compatible with "ST" type transfer switches. See owner's manual for details.

# Liquid Cooled Standby Generators

High speed models (3600 RPM) 120/240V single phase

**Standard features**

- UL 2200 Listed
- Liquid cooled
- Operate on either natural gas or propane vapor
- Utilizes sophisticated "X" Type transfer switches
- 32 bit microprocessor
- Automatic voltage regulator
- Low coolant, high temperature, and low oil pressure automatic shutdown
- Digital readout of AC kW, kVA, power factor and engine functions
- Isochronous governor control
- Predictive maintenance reminders
- Fault protection
- Provided with Type "H" controller



80 kW and larger generators shown on this page are ideal for larger commercial applications requiring sophisticated monitoring. They are excellent selections for medical and dental offices, fitness centers, and automotive dealerships.

**Steel enclosures**

kW Rating	Catalog number	Dimensions (inches)	Engine size	Fuel
80	SG080RGS	116 × 37 × 55	4.6 L	Natural gas
80	SG080RPS	116 × 37 × 55	4.6 L	Liquid propane
130	SG130RGS	116 × 37 × 55	6.8 L	Natural gas
130	SG130RPS	116 × 37 × 55	6.8 L	Liquid propane
150	SG150RGS	116 × 37 × 55	6.8 L	Natural gas
150	SG150RPS	116 × 37 × 55	6.8 L	Liquid propane

**Aluminum enclosures**

kW Rating	Catalog number	Dimensions (inches)	Engine size	Fuel
80	SG080RGA	116 × 37 × 55	4.6 L	Natural gas
80	SG080RPA	116 × 37 × 55	4.6 L	Liquid propane
130	SG130RGA	116 × 37 × 55	6.8 L	Natural gas
130	SG130RPA	116 × 37 × 55	6.8 L	Liquid propane
150	SG150RGA	116 × 37 × 55	6.8 L	Natural gas
150	SG150RPA	116 × 37 × 55	6.8 L	Liquid propane

Compatible Transfer Switches				
XT100R	XR150R	XT300R	XR400R	XT800R
XR100R	XT200R	XR300R	XT600R	XR800R
XT150R	XR200R	XT400R	XR600R	

# Liquid Cooled Standby Generators

## High speed models (3600 RPM), 120/208V 3-phase

### Standard features

- UL 2200 Listed
- Liquid cooled
- Operate on either natural gas or propane vapor<sup>①</sup>
- Automatic high temperature, low coolant, low oil pressure, and over speed shutdown
- Automatic voltage regulator with over voltage protection
- Safety fuse included
- Quiet run weekly self test
- Compatible with "S" Type automatic transfer switches<sup>②</sup>
- Provided with Type "R" controller



25 and 30 kW generators shown on this page are ideal for whole house back up for larger home and small businesses.



45 and 60 kW generators shown on this page are ideal for most commercial applications including small office buildings, churches, retail centers, schools, and restaurants. Being light weight makes them appropriate for roof mounting.

### Steel enclosures

kW Rating	Catalog number	Dimensions (inches)	Engine size	Fuel
25	SG025CBS	72 × 30 × 38	1.6 L	Both
30	SG030CBS	72 × 30 × 38	1.6 L	Both
45	SG045CBS	77 × 34 × 46	2.4 L	Both
60	SG060CGST	77 × 34 × 46	2.4 L	Natural gas
60	SG060CPST	77 × 34 × 46	2.4 L	Liquid propane

### Aluminum enclosures

kW Rating	Catalog number	Dimensions (inches)	Engine size	Fuel
60	SG060CGAT	77 × 34 × 46	2.4 L	Natural gas
60	SG060CPAT	77 × 34 × 46	2.4 L	Liquid propane

Compatible Transfer Switches
SR100C
SR200C
SR400C

① Product ships ready for natural gas. Minor adjustments required for liquid propane vapor use. See owners manual.  
② Not compatible with "ST" type transfer switches. See owner's manual for details.



# Liquid Cooled Standby Generators

## High speed models (3600 RPM) 120/208V 3-phase

### Standard features

- UL 2200 Listed
- Liquid cooled
- Operate on either natural gas or propane vapor
- Utilizes sophisticated "X" Type transfer switches
- 32 bit microprocessor
- Automatic voltage regulator
- Low coolant, high temperature, and low oil pressure automatic shutdown
- Digital readout of AC kW, kVA, power factor and engine functions
- Isochronous governor control
- Predictive maintenance reminders
- Fault protection
- Provided with Type "H" controller



80 kW and larger generators shown on this page are ideal for larger commercial applications requiring sophisticated monitoring. They are excellent selections for medical and dental offices, fitness centers, and automotive dealerships.

### Steel enclosures

kW Rating	Catalog number	Dimensions (inches)	Engine size	Fuel
80	SG080CGS	116 × 37 × 55	4.6 L	Natural gas
80	SG080CPS	116 × 37 × 55	4.6 L	Liquid propane
130	SG130CGS	116 × 37 × 55	6.8 L	Natural gas
130	SG130CPS	116 × 37 × 55	6.8 L	Liquid propane
150	SG150CGS	116 × 37 × 55	6.8 L	Natural gas
150	SG150CPS	116 × 37 × 55	6.8 L	Liquid propane

### Aluminum enclosures

kW Rating	Catalog number	Dimensions (inches)	Engine size	Fuel
80	SG080CGA	116 × 37 × 55	4.6 L	Natural gas
80	SG080CPA	116 × 37 × 55	4.6 L	Liquid propane
130	SG130CGA	116 × 37 × 55	6.8 L	Natural gas
130	SG130CPA	116 × 37 × 55	6.8 L	Liquid propane
150	SG150CGA	116 × 37 × 55	6.8 L	Natural gas
150	SG150CPA	116 × 37 × 55	6.8 L	Liquid propane

Compatible Transfer Switches				
XT100C	XR150C	XT300C	XR400C	XT800C
XR100C	XT200C	XR300C	XT600C	XR800C
XT150C	XR200C	XT400C	XR600C	

# Liquid Cooled Standby Generators

High speed models (3600 RPM), 120/240V 3-phase **NEW**

**Standard features**

- UL 2200 Listed
- Liquid cooled
- Operate on either natural gas or propane vapor<sup>①</sup>
- Automatic high temperature, low coolant, low oil pressure, and over speed shutdown
- Automatic voltage regulator with over voltage protection
- Safety fuse included
- Quiet run weekly self test
- Compatible with “S” Type automatic transfer switches<sup>②</sup>
- Provided with Type “R” controller



25 and 30 kW generators shown on this page are ideal for whole house back up for larger home and small businesses.



45 and 60 kW generators shown on this page are ideal for most commercial applications including small office buildings, churches, retail centers, schools, and restaurants. Being light weight makes them appropriate for roof mounting.

**Steel enclosures**

kW Rating	Catalog number	Dimensions (inches)	Engine size	Fuel
25	SG025JBS	72 × 30 × 38	1.6 L	Both
30	SG030JBS	72 × 30 × 38	1.6 L	Both
45	SG045JBS	77 × 34 × 46	2.4 L	Both
60	SG060JGST	77 × 34 × 46	2.4 L	Natural gas
60	SG060JPST	77 × 34 × 46	2.4 L	Liquid propane

**Aluminum enclosures**

kW Rating	Catalog number	Dimensions (inches)	Engine size	Fuel
60	SG060JGAT	77 × 34 × 46	2.4 L	Natural gas
60	SG060JPAT	77 × 34 × 46	2.4 L	Liquid propane

Compatible Transfer Switches
SR100J
SR200J
SR400J

① Product ships ready for natural gas. Minor adjustments required for liquid propane vapor use. See owners manual.  
② Not compatible with “ST” type transfer switches. See owner’s manual for details.

# Liquid Cooled Standby Generators

High speed models (3600 RPM) 120/240V 3-phase **NEW**

### Standard features

- UL 2200 Listed
- Liquid cooled
- Operate on either natural gas or propane vapor
- Utilizes sophisticated "X" Type transfer switches
- 32 bit microprocessor
- Automatic voltage regulator
- Low coolant, high temperature, and low oil pressure automatic shutdown
- Digital readout of AC kW, kVA, power factor and engine functions
- Isochronous governor control
- Predictive maintenance reminders
- Fault protection
- Provided with Type "H" controller



80 kW and larger generators shown on this page are ideal for larger commercial applications requiring sophisticated monitoring. They are excellent selections for medical and dental offices, fitness centers, and automotive dealerships.

### Steel enclosures

kW Rating	Catalog number	Dimensions (inches)	Engine size	Fuel
80	SG080JGS	116 × 37 × 55	4.6 L	Natural gas
80	SG080JPS	116 × 37 × 55	4.6 L	Liquid propane
130	SG130JGS	116 × 37 × 55	6.8 L	Natural gas
130	SG130JPS	116 × 37 × 55	6.8 L	Liquid propane
150	SG150JGS	116 × 37 × 55	6.8 L	Natural gas
150	SG150JPS	116 × 37 × 55	6.8 L	Liquid propane

### Aluminum enclosures

kW Rating	Catalog Number	Dimensions (inches)	Engine Size	Fuel
80	SG080JGA	116 × 37 × 55	4.6 L	Natural gas
80	SG080JPA	116 × 37 × 55	4.6 L	Liquid propane
130	SG130JGA	116 × 37 × 55	6.8 L	Natural gas
130	SG130JPA	116 × 37 × 55	6.8 L	Liquid propane
150	SG150JGA	116 × 37 × 55	6.8 L	Natural gas
150	SG150JPA	116 × 37 × 55	6.8 L	Liquid propane

### Compatible Transfer Switches

XT100J	XT200J	XR300J	XT600J
XR100J	XR200J	XT400J	XR600J
XT150J	XT300J	XR400J	XT800J

# Liquid Cooled Standby Generators

High speed models (3600 RPM), 277/480V 3-phase

**Standard features**

- UL 2200 Listed
- Liquid cooled
- Operate on either natural gas or propane vapor<sup>①</sup>
- Automatic high temperature, low coolant, low oil pressure, and over speed shutdown
- Automatic voltage regulator with over voltage protection
- Safety fuse included
- Quiet run weekly self test
- Compatible with "S" Type automatic transfer switches<sup>②</sup>
- Provided with Type "R" controller



45 and 60 Kw generators shown on this page are ideal for most commercial applications including small office buildings, churches, retail centers, schools, and restaurants. Being light weight makes them appropriate for roof mounting.

**Steel enclosures**

kW Rating	Catalog number	Dimensions (inches)	Engine size	Fuel
45	SG045IBS	77 × 34 × 46	2.4 L	Both
60	SG060IGST	77 × 34 × 46	2.4 L	Natural gas
60	SG060IPST	77 × 34 × 46	2.4 L	Liquid propane

**Aluminum enclosures**

kW Rating	Catalog number	Dimensions (inches)	Engine size	Fuel
60	SG060IGAT	77 × 34 × 46	2.4 L	Natural gas
60	SG060IPAT	77 × 34 × 46	2.4 L	Liquid propane

Compatible Transfer Switches
SR100I
SR200I
SR400I

① Product ships ready for natural gas. Minor adjustments required for liquid propane vapor use. See owners manual.  
② Not compatible with "ST" type transfer switches. See owner's manual for details.

# Liquid Cooled Standby Generators

## High speed models (3600 RPM), 277/480V 3-phase

### Standard features

- UL 2200 Listed
- Liquid cooled
- Operate on either natural gas or propane vapor
- Utilizes sophisticated "X" Type transfer switches
- 32 bit microprocessor
- Automatic voltage regulator
- Low coolant, high temperature, and low oil pressure automatic shutdown
- Digital readout of AC kW, kVA, power factor and engine functions
- Isochronous governor control
- Predictive maintenance reminders
- Fault protection
- Provided with Type "H" controller



80 and 130 kW generators shown on this page are ideal for large commercial applications requiring sophisticated monitoring. Their high power output make them ideal for senior living centers, supermarkets, movie theaters, pumping stations, and strip malls.



150 kW generators shown on these pages are ideal for large commercial applications requiring sophisticated monitoring. Their high power output make them ideal for senior living centers, supermarkets, movie theaters, pumping stations, and strip malls.

### Steel enclosures

kW Rating	Catalog number	Dimensions (inches)	Engine nize	Fuel
80	SG080IGS	116 × 37 × 55	4.6 L	Natural gas
80	SG080IPS	116 × 37 × 55	4.6 L	Liquid propane
130	SG130IGS	116 × 37 × 55	6.8 L	Natural gas
130	SG130IPS	116 × 37 × 55	6.8 L	Liquid propane
150	SG150IGS	116 × 37 × 55	6.8 L	Natural gas
150	SG150IPS	116 × 37 × 55	6.8 L	Liquid propane

### Aluminum enclosures

kW Rating	Catalog Number	Dimensions (inches)	Engine Size	Fuel
80	SG080IGA	116 × 37 × 55	4.6 L	Natural gas
80	SG080IPA	116 × 37 × 55	4.6 L	Liquid propane
130	SG130IGA	116 × 37 × 55	6.8 L	Natural gas
130	SG130IPA	116 × 37 × 55	6.8 L	Liquid propane
150	SG150IGA	116 × 37 × 55	6.8 L	Natural gas
150	SG150IPA	116 × 37 × 55	6.8 L	Liquid propane

### Compatible Transfer Switches

XT100I	XR150I	XT300I	XR400I	XT800I
XR100I	XT200I	XR300I	XT600I	XR800I
XT150I	XR200I	XT400I	XR600I	



# Liquid Cooled Standby Generators

Low speed models (1800 RPM), 120/240V single phase

**Standard features**

- UL 2200 Listed
- Liquid cooled
- Operate on either natural gas or propane vapor<sup>①</sup>
- Automatic high temperature, low coolant, low oil pressure, and over speed shutdown
- Automatic voltage regulator with over voltage protection
- Safety fuse included
- Quiet run weekly self test
- Compatible with "S" Type automatic transfer switches<sup>②</sup>
- Provided with Type "R" controller
- Low speed operation reduces noise output



22 and 27 kW generators shown on this page are ideal for whole house back up for larger home and small businesses.



36 and 48 kW generators shown on this page are ideal for most commercial applications including small office buildings, churches, retail centers, schools, and restaurants. Being light weight makes them appropriate for roof mounting.

**Aluminum enclosures**

kW Rating	Catalog number	Dimensions (inches)	Engine size	Fuel
22	SG022RBAL	62.2 × 29 × 33.5	1.6 L	Both
27	SG027RBAL	62.2 × 29 × 33.5	2.4 L	Both
36	SG036RBAL	76.8 × 33.5 × 45.1	2.4 L	Both
48	SG048RBAL	76.8 × 33.5 × 45.1	4.2 L	Both

Compatible Transfer Switches
SR100R
SR100RD
SR200R
SR200RD
SR400R
SR400RD

① Product ships ready for natural gas. Minor adjustments required for liquid propane vapor use. See owners manual.  
② Not compatible with "ST" type transfer switches. See owner's manual for details.

# Liquid Cooled Standby Generators

Low speed models (1800 RPM) 120/240V single phase

**Standard features**

- UL 2200 Listed
- Liquid cooled
- Operate on either natural gas or propane vapor
- Utilizes sophisticated "X" Type transfer switches
- 32 bit microprocessor
- Automatic voltage regulator
- Low coolant, high temperature, and low oil pressure automatic shutdown
- Digital readout of AC kW, kVA, power factor and engine functions
- Isochronous governor control
- Predictive maintenance reminders
- Fault protection
- Provided with Type "H" controller
- Low speed operation reduces sound output



70 kW and larger generators shown on this page are ideal for larger commercial applications requiring sophisticated monitoring. They are excellent selections for medical and dental offices, fitness centers, and automotive dealerships.

**Steel enclosures**

kW Rating	Catalog number	Dimensions (inches)	Engine size	Fuel
70	SG070RGSL	97 × 37 × 47	6.8 L	Natural gas
70	SG070RPSL	97 × 37 × 47	6.8 L	Liquid propane
100	SG100RGSL *	116 × 37 × 55	6.8 L	Natural gas
100	SG100RPSL *	116 × 37 × 55	6.8 L	Liquid propane

**Aluminum enclosures**

kW Rating	Catalog number	Dimensions (inches)	Engine size	Fuel
70	SG070RGAL	97 × 37 × 47	6.8 L	Natural gas
70	SG070RPAL	97 × 37 × 47	6.8 L	Liquid propane
100	SG100RGAL *	116 × 37 × 55	6.8 L	Natural gas
100	SG100RPAL *	116 × 37 × 55	6.8 L	Liquid propane

**Compatible Transfer Switches**

XT100R	XR150R	XT300R	XR400R	XT800R
XR100R	XT200R	XR300R	XT600R	XR800R
XT150R	XR200R	XT400R	XR600R	

\* 2300 RPM

# Liquid Cooled Standby Generators

Low speed models (1800 RPM), 120/208V 3-phase

**Standard features**

- UL 2200 Listed
- Liquid cooled
- Operate on either natural gas or propane vapor<sup>①</sup>
- Automatic high temperature, low coolant, low oil pressure, and over speed shutdown
- Automatic voltage regulator with over voltage protection
- Safety fuse included
- Quiet run weekly self test
- Compatible with "S" Type automatic transfer switches<sup>②</sup>
- Provided with Type "R" controller
- Low speed operation reduces sound output



22 and 27 kW generators shown on this page are ideal for whole house back up for larger home and small businesses.



36 and 48 kW generators shown on this page are ideal for most commercial applications including small office buildings, churches, retail centers, schools, and restaurants. Being light weight makes them appropriate for roof mounting.

**Aluminum enclosures**

kW Rating	Catalog number	Dimensions (inches)	Engine size	Fuel
22	SG022CBAL	62.2 × 29 × 33.5	1.6 L	Both
27	SG027CBAL	62.2 × 29 × 33.5	2.4 L	Both
36	SG036CBAL	76.8 × 33.5 × 45.1	2.4 L	Both
48	SG048CBAL	76.8 × 33.5 × 45.1	4.2 L	Both

Compatible Transfer Switches
SR100C
SR200C
SR400C

① Product ships ready for natural gas. Minor adjustments required for liquid propane vapor use. See owners manual.  
② Not compatible with "ST" type transfer switches. See owner's manual for details.

# Liquid Cooled Standby Generators

Low speed models (1800 RPM) 120/208V 3-phase

**Standard features**

- UL 2200 Listed
- Liquid cooled
- Operate on either natural gas or propane vapor
- Utilizes sophisticated "X" Type transfer switches
- 32 bit microprocessor
- Automatic voltage regulator
- Low coolant, high temperature, and low oil pressure automatic shutdown
- Digital readout of AC kW, kVA, power factor and engine functions
- Isochronous governor control
- Predictive maintenance reminders
- Fault protection
- Provided with Type "H" controller
- Low speed operation reduces sound output



70 kW and larger generators shown on this page are ideal for larger commercial applications requiring sophisticated monitoring. They are excellent selections for medical and dental offices, fitness centers, and automotive dealerships.

**Steel enclosures**

kW Rating	Catalog number	Dimensions (inches)	Engine size	Fuel
70	SG070CGSL	97 × 37 × 47	6.8 L	Natural gas
70	SG070CPSL	97 × 37 × 47	6.8 L	Liquid propane
100	SG100CGSL*	116 × 37 × 55	6.8 L	Natural gas
100	SG100CPSL*	116 × 37 × 55	6.8 L	Liquid propane

**Aluminum enclosures**

kW Rating	Catalog number	Dimensions (inches)	Engine size	Fuel
70	SG070CGAL	97 × 37 × 47	6.8 L	Natural gas
70	SG070CPAL	97 × 37 × 47	6.8 L	Liquid propane
100	SG100CGAL*	116 × 37 × 55	6.8 L	Natural gas
100	SG100CPAL*	116 × 37 × 55	6.8 L	Liquid propane

Compatible Transfer Switches				
XT100C	XR150C	XT300C	XR400C	XT800C
XR100C	XT200C	XR300C	XT600C	XR800C
XT150C	XR200C	XT400C	XR600C	

\* 2300 RPM

# Liquid Cooled Standby Generators

Low speed models (1800 RPM), 120/240V 3-phase

**Standard features**

- UL 2200 Listed
- Liquid cooled
- Operate on either natural gas or propane vapor<sup>①</sup>
- Automatic high temperature, low coolant, low oil pressure, and over speed shutdown
- Automatic voltage regulator with over voltage protection
- Safety fuse included
- Quiet run weekly self test
- Compatible with “S” Type automatic transfer switches<sup>②</sup>
- Provided with Type “R” controller
- Low speed operation reduces sound output



22 and 27 kW generators shown on this page are ideal for whole house back up for larger home and small businesses.



36 and 48 kW generators shown on this page are ideal for most commercial applications including small office buildings, churches, retail centers, schools, and restaurants. Being light weight makes them appropriate for roof mounting.

**Aluminum enclosures**

kW Rating	Catalog number	Dimensions (inches)	Engine size	Fuel
22	SG022JBAL	62.2 × 29 × 33.5	1.6 L	Both
27	SG027JBAL	62.2 × 29 × 33.5	2.4 L	Both
36	SG036JBAL	76.8 × 33.5 × 45.1	2.4 L	Both
48	SG048JBAL	76.8 × 33.5 × 45.1	4.2 L	Both

Compatible Transfer Switches
SR100J
SR200J
SR400J

① Product ships ready for natural gas. Minor adjustments required for liquid propane vapor use. See owners manual.  
② Not compatible with “ST” type transfer switches. See owner’s manual for details.



# Liquid Cooled Standby Generators

Low speed models (1800 RPM) 120/240V 3-phase

**Standard features**

- UL 2200 Listed
- Liquid cooled
- Operate on either natural gas or propane vapor
- Utilizes sophisticated "X" Type transfer switches
- 32 bit microprocessor
- Automatic voltage regulator
- Low coolant, high temperature, and low oil pressure automatic shutdown
- Digital readout of AC kW, kVA, power factor and engine functions
- Isochronous governor control
- Predictive maintenance reminders
- Fault protection
- Provided with Type "H" controller
- Low speed operation reduces sound output



70 kW and larger generators shown on this page are ideal for larger commercial applications requiring sophisticated monitoring. They are excellent selections for medical and dental offices, fitness centers, and automotive dealerships.

**Steel enclosures**

kW Rating	Catalog number	Dimensions (inches)	Engine size	Fuel
70	SG070JGSL	97 × 37 × 47	6.8 L	Natural gas
70	SG070JPSL	97 × 37 × 47	6.8 L	Liquid propane
100	SG100JGSL *	116 × 37 × 55	6.8 L	Natural gas
100	SG100JPSL *	116 × 37 × 55	6.8 L	Liquid propane

**Aluminum enclosures**

kW Rating	Catalog number	Dimensions (inches)	Engine size	Fuel
70	SG070JGAL	97 × 37 × 47	6.8 L	Natural gas
70	SG070JPAL	97 × 37 × 47	6.8 L	Liquid propane
100	SG100JGAL *	116 × 37 × 55	6.8 L	Natural gas
100	SG100JPAL *	116 × 37 × 55	6.8 L	Liquid propane

Compatible Transfer Switches				
XT100J	XR150J	XT300J	XR400J	XT800J
XR100J	XT200J	XR300J	XT600J	XR800J
XT150J	XR200J	XT400J	XR600J	

\* 2300 RPM

# Liquid Cooled Standby Generators

Low speed models (1800 RPM), 277/480V 3-phase

**Standard features**

- UL 2200 Listed
- Liquid cooled
- Operate on either natural gas or propane vapor<sup>①</sup>
- Automatic high temperature, low coolant, low oil pressure, and over speed shutdown
- Automatic voltage regulator with over voltage protection
- Safety fuse included
- Quiet run weekly self test
- Compatible with “S” Type automatic transfer switches<sup>②</sup>
- Provided with Type “R” controller
- Low speed operation reduces sound output



36 and 48 kW generators shown on this page are ideal for most commercial applications including small office buildings, churches, retail centers, schools, and restaurants. Being light weight makes them appropriate for roof mounting.

**Aluminum enclosures**

kW Rating	Catalog number	Dimensions (inches)	Engine size	Fuel
36	SG036IBAL	76.8 × 33.5 × 45.1	2.4 L	Both
48	SG048IBAL	76.8 × 33.5 × 45.1	4.2 L	Both

Compatible Transfer Switches
SR100I
SR200I
SR400I

① Product ships ready for natural gas. Minor adjustments required for liquid propane vapor use. See owners manual.  
② Not compatible with “ST” type transfer switches. See owner’s manual for details.

# Liquid Cooled Standby Generators

Low speed models (1800 RPM) 277/480V 3-phase

**Standard features**

- UL 2200 Listed
- Liquid cooled
- Operate on either natural gas or propane vapor
- Utilizes sophisticated "X" Type transfer switches
- 32 bit microprocessor
- Automatic voltage regulator
- Low coolant, high temperature, and low oil pressure automatic shutdown
- Digital readout of AC kW, kVA, power factor and engine functions
- Isochronous governor control
- Predictive maintenance reminders
- Fault protection
- Provided with Type "H" controller
- Low speed operation reduces sound output



70 kW and larger generators shown on this page are ideal for larger commercial applications requiring sophisticated monitoring. They are excellent selections for medical and dental offices, fitness centers, and automotive dealerships.

**Steel enclosures**

kW Rating	Catalog number	Dimensions (inches)	Engine size	Fuel
70	SG070IGSL	97 × 37 × 47	6.8 L	Natural gas
70	SG070IPSL	97 × 37 × 47	6.8 L	Liquid propane
100	SG100IGSL *	116 × 37 × 55	6.8 L	Natural gas
100	SG100IPSL *	116 × 37 × 55	6.8 L	Liquid propane

**Aluminum enclosures**

kW Rating	Catalog number	Dimensions (inches)	Engine size	Fuel
70	SG070IGAL	97 × 37 × 47	6.8 L	Natural gas
70	SG070IPAL	97 × 37 × 47	6.8 L	Liquid propane
100	SG100IGAL *	116 × 37 × 55	6.8 L	Natural gas
100	SG100IPAL *	116 × 37 × 55	6.8 L	Liquid propane

Compatible Transfer Switches				
XT100I	XR150I	XT300I	XR400I	XT800I
XR100I	XT200I	XR300I	XT600I	XR800I
XT150I	XR200I	XT400I	XR600I	

\* 2300 RPM

# “S” Type Transfer Switches



### “ST” Type Automatic Transfer Switches

“ST” type transfer switches, denoted in the catalog number starting with “ST”, are compatible with the Type “R” controller. The Type “R” controller senses power outages and initiates the transfer of power to the generator via the automatic transfer switch. Type “R” controllers are found in 8–60 kW generators.

### Transfer Switch with back up circuits

Siemens offers 3 models of automatic transfer switches with back up circuits. These panels provide transfer capability to a select number of critical circuits, as opposed to the entire house. For the chosen critical circuits, the conductors in the main house panel are removed from the breaker and connected with wire nuts to the prewired conductors on the transfer switch.

### Features and ratings

- 100A
- 120/240, 1Ø
- Indoor NEMA 1
- Open transition
- 10KAIC
- Express install kit included
- Dimensions (inches) 27 × 13 × 7
- *Suitable for use only on air cooled products (8 - 17 kW)*

### Breakers provided

	Q250	Q240	Q230	Q220	Q120	Q115	Suggested use
ST100R10C			1	1	3	3	10 kW generators
ST100R14C			1	1	4	4	14 kW generators
ST100R16C	1	1		1	5	5	17 kW generators



### “SR” Type Transfer Switches

Transfer switches provide the mechanism for transferring power between utility and generator service. Siemens offers devices that are suitable for indoor or outdoor use. 100–400A single and three phase, and some devices with a service connect.

### Features and ratings

- 100-400A
- Outdoor NEMA 3R
- Open transition
- Compatible with Type “R” controllers

Amps	100	100*	200	200*	400	400	400*
Voltage	120/240, 1Ø 120/208, 3Ø 120/240, 3Ø 277/480, 3Ø	120/240, 1Ø - - -	120/240, 1Ø 120/208, 3Ø 120/240, 3Ø 277/480, 3Ø	120/240, 1Ø - - -	120/240, 1Ø 120/208, 3Ø 120/240, 3Ø -	- - - 277/480, 3Ø	120/240, 1Ø - - -
Withstand Rating							
1Ø	10 kAIC	10 kAIC	10 kAIC	10 kAIC	18 kAIC	-	18 kAIC
3Ø	14 kAIC	-	25 kAIC	-	18 kAIC	35 kAIC	-
Dimensions							
120/240, 1Ø	24 × 20 × 7	24 × 13 × 7	24 × 15 × 7	24 × 13 × 7	36 × 24 × 10	-	40 × 30 × 10
120/208, 3Ø	24 × 20 × 7	24 × 13 × 7	24 × 15 × 7	24 × 13 × 7	36 × 24 × 10	-	-
120/240, 3Ø	36 × 24 × 1	-	24 × 20 ×	-	36 × 15 × 7	-	-
277/480, 3Ø	36 × 24 × 10	-	48 × 30 × 12	-	-	48 × 30 × 12	-
Weight (lbs.)							
120/240, 1Ø	31	39	31	40	88	-	107
120/208, 3Ø	49	-	49	-	107	-	-
120/240, 3Ø	49	-	49	-	107	-	-
277/480, 3Ø	95	-	105	-	-	105	-

\*Includes service disconnect.

# "S" Type Transfer Switches

## Power Manager Transfer Switch



The Siemens "Power Manager" Transfer Switch is designed to allow the most efficient use of the generator by monitoring and managing the backed-up essential and non-essential circuits. If the generator approaches overload conditions, the non-essential circuits are cycled off, allowing the essential circuits to remain powered. The Power Manager is an "S" type transfer switch and is compatible with units up to 60kW.

Catalog no. **SR200RDPM**

### Features and ratings

- Built-in 16 circuit priority load center
- Main contactor protects essential circuits
- Secondary contactor protects non-essential circuits
- Service entrance rated
- NEMA 3R indoor / outdoor enclosure
- Side-opening hinged cover
- Conforms to 2008 NEC sizing standards
- 200A rated
- Dimensions (Inches)  
43H × 20W × 7D
- Interrupt rating: 22,000 AIC
- Weight: 75 lbs.

## Generator Ready Load Center



The new Siemens generator ready load center can save thousands of dollars in future generator installation expenses while keeping initial expenses to a minimum. Works with an automatic standby generator or a portable generator.

Catalog no.

**G3042L1225GEN** (main lug)  
**G3042B1200GEN** (main breaker)  
**GENTFRSWTCH** (auto transfer switch)  
**ECSBPK01** (mechanical interlock)

### Load Center features:

- UL Listed
- Indoor Type 1
- 225A max rated
- Flush or surface mounting
- Fits between standard stud centers
- Tin plated copper bus bars
- 22 kAIC rated
- 120/240V ~, 1 Phase
- Main lug – convertible to main breaker with addition of MBK150A, MBK200A, or MBK225A
- Installation of transfer mechanism can be performed at time of generator installation

### Automatic Transfer Switch features:

- UL Listed
- Operates automatically when connected to generator
- Transfers load from utility to generator and back to utility
- Includes: Q215 and Q2125S needed for installation



# “X” Type Transfer Switches



Automatic Transfer Switches “X” type transfer switches, denoted in the catalog number starting with “X”, are compatible with the Type “H” controller. The Type “H” controller senses power outages and initiates the transfer of power to the generator via the automatic transfer switch. Type “H” controllers are found in 70–150 kW generators.

- Features and ratings
- 100–800A
  - Indoor NEMA 12
  - Outdoor NEMA 3R
  - Open transition
  - Compatible with Type “H” controllers
  - 7 day programmable exerciser

Transfer Type	Enclosure Indoor = T Outdoor = R	Amperage	Voltage 120/240V, 1Ø = R 120/208V, 3Ø = C 120/240V, 3Ø = J 277/480V, 3Ø = I
X	R, T	100, 150, 200 300, 400, 600 800	R, C, I, J

Amps	100	150	200	300	400	600	800
Voltage	120/240, 1Ø	120/240, 1Ø	120/240, 1Ø	120/240, 1Ø	120/240, 1Ø	120/240, 1Ø	120/240, 1Ø
	120/208, 3Ø	120/208, 3Ø	120/208, 3Ø	120/208, 3Ø	120/208, 3Ø	120/208, 3Ø	120/208, 3Ø
	120/240, 3Ø	120/240, 3Ø	120/240, 3Ø	120/240, 3Ø	120/240, 3Ø	120/240, 3Ø	120/240, 3Ø
	277/480, 3Ø	277/480, 3Ø	277/480, 3Ø	277/480, 3Ø	277/480, 3Ø	277/480, 3Ø	277/480, 3Ø
NEMA rating	1 / 3R	1 / 3R	1 / 3R	1 / 3R	1 / 3R	3R / 12	3R / 12
Withstand rating							
120/240 & 120/208	14 kAIC	10 kAIC	10 kAIC	18 kAIC	18 kAIC	42 kAIC	65 kAIC
277/480	14 kAIC	25 kAIC	25 kAIC	35 kAIC	35 kAIC	42 kAIC	65 kAIC
Dimensions							
120/240 & 120/208	36 × 24 × 10	36 × 24 × 10	36 × 24 × 10	36 × 24 × 10	36 × 24 × 10	66 × 36 × 20	66 × 36 × 20
277/480	36 × 24 × 10	48 × 30 × 12	48 × 30 × 12	48 × 30 × 12	48 × 30 × 12	66 × 36 × 20	66 × 36 × 20
Weight (lbs.)							
120/240 & 120/208	105	110	110	130	130	650	680
277/480	120	145	145	165	165	650	680

# Transfer Switch offering

Catalog number	Amp	Voltage				Enclosure type (NEMA rating)			Branch Circuits	Service Disconnect included
		R 120/240 1Ø	C 120/208 3Ø	J 120/240 3Ø	I 277/480 3Ø	1	3R	12		
SR100R	100	X					X			
SR100RD	100	X					X			X
SR100C	100		X				X			
SR100J	100			X			X			
SR100I	100				X		X			
ST100R10C	100	X				X			10	
ST100R14C	100	X				X			14	
ST100R16C	100	X				X			16	
SR200R	200	X					X			
SR200RD	200	X					X			X
SR200RDPM*	200	X					X		16	X
SR200C	200		X				X			
SR200J	200			X			X			
SR200I	200				X		X			
SR400R	400	X					X			
SR400RD	400	X					X			X
XT100R	100	X				X				
XR100R	100	X					X			
XT100C	100		X			X				
XT100J	100			X		X				
XR100C	100		X				X			
XR100J	100			X			X			
XT100I	100				X	X				
XR100I	100				X		X			
XT150R	150	X				X				
XR150R	150						X			
XT150C	150		X			X				
XT150J	150			X		X				
XR150C	150		X				X			
XT150I	150				X	X				
XR150I	150				X		X			
XT200R	200	X				X				
XR200R	200	X					X			
XT200C	200		X			X				
XT200J	200			X		X				
XT200I	200				X	X				
XR200I	200				X		X			
XT300R	300	X				X				
XR300R	300	X					X			
XT300C	300		X			X				
XT300J	300			X		X				
XR300C	300		X				X			
XR300J	300			X			X			
XT300I	300				X	X				
XR300I	300				X		X			
XT400R	400	X				X				
XR400R	400	X					X			
XT400C	400		X			X				
XT400J	400			X		X				
XR400C	400		X				X			
XR400J	400			X			X			
XT400I	400				X	X				
XR400I	400				X		X			
XT600R	600	X						X		
XR600R	600	X					X			
XT600C	600		X					X		
XT600J	600			X				X		
XR600C	600		X				X			
XR600J	600			X			X			
XT600I	600				X			X		
XR600I	600				X		X			
XT800R	800	X						X		
XR800R	800	X					X			
XT800C	800		X					X		
XT800J	800			X				X		
XR800C	800		X				X			
XT800I	800				X			X		
XR800I	800				X		X			

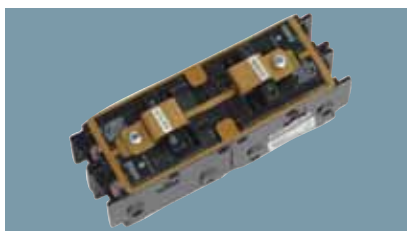
\* Power Manager Transfer Switch

# Portable Generators

5.5, 15.0 & 17.5 kW

## Features

- Ideal for residential emergency and job-site power
- Gasoline powered, OHV engine
- Include handles and wheels for easy movement
- Hour meter included
- Large variety of outlets
- Low noise muffler
- 2 year warranty
- Easily integrated into home electrical system with Siemens breaker interlock kits (pictured below)



*Siemens 15.0 and 17.5 kW portable generators are ideal for temporary power on job sites, eliminating the need for power and temporary power poles.*

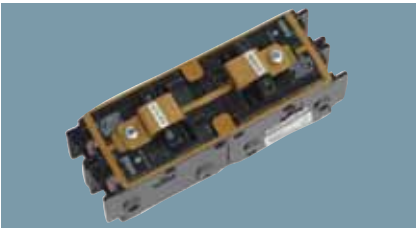
*These generators are also suitable for temporary back up power for residences and small businesses.*

	Portable unit only		With power cord and plug
Catalog number	PG0055	PG015	PG017*
Rated power (watts)	5.5kW	15 kW	17.5kW
Surge (watts)	6.25kW	22.5kW	26.2kW
Rated Amps @ 60Hz 120/240, 1Ø, 1.0 pf	20.8	62.5	73.0
Engine RPM	3,600	3,600	3,600
Engine cooling	Air	Air	Air
Fuel capacity (gallons)	6.6	16	16
Dimensions (L" × W" × H")	34 × 27 × 28	39 × 31 × 49	39 × 31 × 49
Weight (lbs.)	180	450	475
Start type	Manual recoil	Electric	Electric

\* 17.5 kW portable provided with 20 circuit, 125A load center with 2 main breakers, branch breakers, inlet box, and power cord.

# Manual Transfer Interlock Kits

Convert load centers or meter combinations into standby power panels

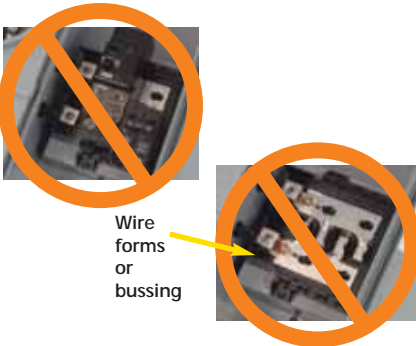


### Standard features

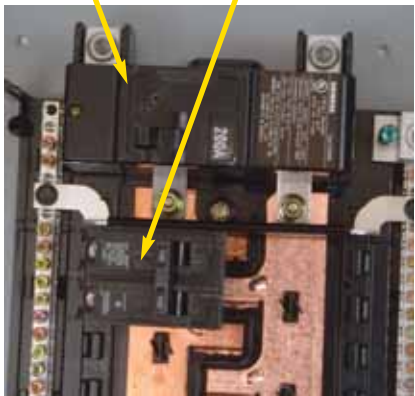
- UL listed for use in most Siemens load centers and meter combinations
- Suitable for use with optional standby systems in accordance with article 702 of the National Electric Code®
- Corrosion resistant finish
- Easy assembly requiring no modifications to the load center or meter combination
- Remains attached to the main breakers when load center cover

Panels in which the bussing or wire forms from the meter socket land on main lugs are not acceptable for use in standby systems because turning the main breaker to "OFF" does not prevent feedback to the utility power lines. Examples of such panels include catalog numbers that start with the following letters.

MC0606L1200*	MM0406L1*	MC1212L1200*
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Utility main breaker      Standby power main breaker



To activate standby power the utility main breaker must be in the "OFF" position to prevent dangerous feedback between the power sources.

### Acceptable usage of Interlock Kits by load center/meter combination catalog numbers

Siemens Outdoor Load Centers					
W0816B1200CT	3				
W0816L1200CT	1	2	3	5	7
W0816ML1125CU	1	2			
W1212L1125CU	1	2	4		
W1224B1100CU	4				
W1224L1125CU	1	2	4		
W1224L1200CU	1	2	3	5	7
W1224L1225CU	1	2	3	5	7
W1624B1100CU	4				
W1624L1125CU	1	2	4		
W2020B1100CU	4				
W2030L1150CU	1	2	3	5	7
W2040B1200CU	3				
W2040L1200CU	1	2	3	5	7
W3040B1200CU	3				
W3040L1125CU	1	2	4		
W3040L1200CU	1	2	3	5	7
W4040B1200CU	3				
W4040L1200CU	1	2	3	5	7
W4242B1225CU	3				
W4242L1225CU	1	2	3	5	7
WXXXMLXXXX	1	2	5	7	**
WXXXMBXXXX	1	2	5	7	**

Numbers 1 through 9 in these tables represent the last digit in each interlock kit catalog number. Example: 1 = ECSBP01

When used in horizontal positions as typical in most load centers, ECSBP07 is recommended for use only with QNR type circuit breakers.

Standby power interlock kits are not intended for use with AFCI, GFCI, 3-pole or 1/2" frame circuit breakers and 4 space, 125 amp load centers.

\* Denotes a wild card that could be any letter or multiple letters.

\*\*Siemens type EQ load centers using a "4-pole" main breaker do not have a kit available to interlock this main to branch circuits. Branch circuit positions can be interlocked using the indicated kits.

Siemens Indoor Load Centers					
E0816ML1125*	1	2			
E1020MB1100FCGP	1	2			
E1224ML1100*	1	2			
G1212L1125*	1	2	4		
G1224B1100*	4				
G1224L1125*	1	2	4		
G1224L1200CU	1	2	3	5	7
G1624B1100*	4				
G1624L1125*	1	2	4		
G1630B1150	3				
G2020B1100*	4				
G2020L1125*	1	2	4		
G2030B1150*	3				
G2030L1125CUSG	1	2	4		
G2030L1150*	1	2	3	5	7
G2040B1200*	3				
G2040L1200*	1	2	3	5	7
G2424B1100CU	4				
G2424B1125	4				
G2424L1125	1	2	4		
G2430B1150	3				
G2430L1125CUSG	1	2	4		
G2440B1200	3				
G2440L1125CU	1	2	4		
G2440L1200*	1	2	3	5	7
G3030B1100CU	4				
G3030B1150*	3				
G3030L1200*	1	2	3	5	7
G3040B1200*	3				
G3040L1125CU	1	2	4		
G3040L1200*	1	2	3	5	7
G4040B1200*	3				
G4040L1125CU	1	2	4		
G4040L1200*	1	2	3	5	7
G4242B1225CU	3				
G4242L1225CU	1	2	3	5	7
GXXXXMLXXXX	1	2	5	7	**
GXXXXMBXXXX	1	2	5	7	**

Siemens Meter Combinations					
MC0816B1150RTH	5	7			
MC0816B1150T	5	7			
MC0816B1150TH	5	7			
MC0816B1200FCTM	2				
MC0816B1200RT	5	7			
MC0816B1200RTB	5	7			
MC0816B1200RTH	5	7			
MC0816B1200SCTM	2				
MC0816B1200T	7				
MC0816B1200TH	5	7			
MC0816B1350RLTM	5	7			
MC0816B1400RLTM	5	7			
MC1224B1100FEC	2				
MC1224B1100SEC	2				
MC1224B1125	1	2			
MC1224B1125FEC	2				
MC1224B1125SEC	2				
MC1632B1100SEC	2				
MC1632B1125FEC	2				
MC2040B1150	5	7			
MC2040B1200	5	7			
MC2040B1200R	5	7			
MC2442B1200FEC	2				
MC2442B1200SEC	2				
MC3040B1200SECW	5	7			
MC3042B1200FED	3				
MC3042B1200SED	3				
MC3042B1225FED	3				
MC3042B1225SED	3				
MC4040B1200SECW	5	7			
MC0816B1200RBT	8				
MC0816B1150RBT	8				
MC0816B1200RCT	8				
MC0816B1150RCT	8				
MC0816B1200CT	8				
MC0816B1150CT	8				
MC2040B1150RCT	9				
MC2040B1150CT	9				
MC2040B1200RCT	9				
MC2040B1200CT	9				

# Manual Transfer Interlock Kits

Prevents dangerous feedback between two sources of power.

	Catalog number	Usage information	Utility main breaker type	Standby main breaker type	Interlock number
	ECSBPK01	For use on load centers or meter combinations that will accept 2-pole circuit breakers opposite one another as shown.	QP, QPH, HQPH	QP, QPH, HQPH	1 
	ECSBPK02	For use on load centers or meter combinations that will accept 2- or 4-pole next to a 2-pole circuit breaker side by side as shown.	QP, QPH, HQPH	QP, QPH, HQPH	2 
	ECSBPK03	For use on Ultimate™ and Rock Solid load centers, 150 amp and higher, to connect the main breaker to a 2-pole circuit breaker.	MBK150A, MBK200A, OR MBK225A	QP, QPH, HQPH	3 
	ECSBPK04	For use on Ultimate and Rock Solid load centers, 125 amp and lower, to connect the main breaker to a 2-pole circuit breaker.	MBK100A or MBK125A	QP, QPH, HQPH	4 
	ECSBPK05	For use on load centers or meter combinations that will accept a QNR (MD-TR) frame circuit breaker next to a 2-pole circuit breaker as shown.	QNR, QNRH, HQNR	QP, QPH, HQPH	5 
	ECSBPK06	For use on load centers or meter combinations that will accept a QN (MD-T) frame circuit breaker next to a 2-pole circuit breaker as shown.	QN, QNH, HQN	QP, QPH, HQPH	6 
	ECSBPK07	For use on load centers or meter combinations that will accept two QNR (MD-TR) circuit breakers side by side as shown <b>OR</b> will accept two QN (MD-T) circuit breakers side by side as shown.	QNR, QNRH, HQNR, QN, QNH, HQN	QNR, QNRH, HQNR, QN, QNH, HQN	7 
	ECSBPK08	For use on 8 space, over/under, OH/UG feed meter combinations as shown. Limited application to specific catalog numbers.	QPP, QPPH	QP, QPH, HQPH	8 
	ECSBPK09	For use on 20 space, over/under, OH/UG feed meter combinations as shown. Limited application to specific catalog numbers.	QPP, QPPH	QP, QPH, HQPH	9 



# Standby Generator Ratings / Maintenance Kits

kW <sup>①</sup> Rating	Rated Amps <sup>②</sup>				Engine RPM at full load	Engine RPM at exercise	Natural gas fuel consumption (ft ^3/hr)	Liquid propane vapor consumption n (gal/hr)	A at 20 ft. dBA		Weight (lbs.)
									Sound level at full load	Sound level at exercise	
8	35	-	-	-	3600	3600	139	1.68	62	-	336
10	45	-	-	-	3600	3600	156	1.93	63	-	375
14	60	-	-	-	3600	3600	220	2.30	66	-	426
17	65	-	-	-	3600	3600	261	2.57	66	60	445
20	83	69	-	-	3600	2400	294	2.90	66	60	451
22	92	76	-	-	1800	1400	255	2.70	70	61	895
25	104	87	-	-	3600	1800	437	4.81	76	63	1255
27	104	87	-	-	1800	1400	359	4.10	70	61	1255
30	125	104	45	-	3600	1800	437	5.30	75	62	1366
45	188	156	68	-	3600	1800	720	7.86	75	63	1414
48	200	166	144	-	1800	1400	661	7.20	65	60	1750
60	250	208	180	-	3600	1800	862	9.00	72	65	1650
70	292	243	105	-	1800	1400	1020	11.17	65	61	2430
80	333	278	120	-	3600	1800	1154	12.78	74	64	2010
100	417	300	347	-	3600	1800	1260	13.80	72	61	2705
130	542	451	195	-	3600	1800	1786	19.56	74	61	2873
150	625	520	226	-	3600	1800	2061	22.57	79	66	2666

- ① kW rating is based on LPV fuel and may be derated for natural gas.  
② For devices with two values on top of each other, the value on top is for liquid propane vapor.  
③ 20 kW air cooled.

## Maintenance Kits

Just like an engine in an automobile, generator engines require routine maintenance. Service kits, which include oil and air filters, are available and are selected based on engine size. Touch up paint is also provided to help cover minor scratches.



Catalog number	Description	Usage
GENMKIT1	Oil and Air Filter Kit	7kW
GENMKIT2	Oil and Air Filter Kit	10 kW
GENMKIT3	Oil and Air Filter Kit	13,14,16,17 kW
GENMKIT4	Oil and Air Filter Kit	20 kW Liquid Cooled
GENMKIT5	Oil and Air Filter Kit	25, 30 kW
GENMKIT6	Oil and Air Filter Kit	35, 45 kW
*	Oil and Air Filter Kit	60 kW
GENMKIT8	Oil and Air Filter Kit	70, 80, 130, 150 kW
GENMKIT9	Oil and Air Filter Kit	100 kW
GENMKIT10	Oil and Air Filter Kit	8 kW
GENMKIT11	Oil and Air Filter Kit	20 kW Air Cooled
GENPAINT	Touch Up Paint	All Devices
PORTMKIT1	Oil and Air Filter Kit	Portable 15, 17.5 kW

\* Call generator help line with serial number.  
Phone: 800-844-0029.

# Accessories

Catalog number	Description
Accessories	
<b>5239</b>	PowerMaster Load Shedding Device
<b>5465</b>	Remote Annunciator Surface Mount Without Relays
<b>5466</b>	Remote Relay Panel Surface Mount Without LEDs
<b>5464</b>	Remote Annunciator Panel Surface Mount 8 Relay
<b>5621</b>	Auxiliary Transfer Switch Contact
<b>5652</b>	Base Plug for Units Prior to 4/2008
<b>5651</b>	Base Plug for Liquid Cooled Generators
<b>5636</b>	Wireless Generator Monitoring Kit
<b>5666</b>	Pad Skirt for Air Cooled Generators
<b>GENPAINT</b>	Gray Touch Up Paint
<b>GENPAINT2</b>	Generator Spray Paint Gray Textured
<b>GENCART</b>	Generator Transport Cart
Cold Weather Kits	
<b>0F6148DSRV</b>	Cold Weather Kit for Air Cooled Generator
<b>5635</b>	Cold Weather Kit for Air Cooled Generator after 2/2008
<b>5629</b>	Cold Weather Kit for 18 LS*, 20, 25 HS*, 30 kW
<b>5630</b>	Cold Weather Kit for 25 LS*, 45 kW
<b>5631</b>	Cold Weather Kit for 35 LS* and 45 LS* kW
<b>5632</b>	Cold Weather Kit for 60, 70 LS*, and 80 kW
<b>5633</b>	Cold Weather Kit for 100 LS*, 130, and 150 kW
Block Heaters	
<b>5615</b>	Block Heater 18 LS*, 20, 25 HS, 30 kW (1.6L)
<b>5616</b>	Block Heater 25 LS*, 45 kW (2.4L)
<b>5618</b>	Block Heater 35 LS* and 45 LS* kW (4.2L)
<b>0G2144</b>	Generator Block Heater 80 kW (4.6L)
<b>0G2675</b>	Generator Block Heater 60 kW (3.0L)
<b>5620</b>	Generator Block Heater 70 LS*, 100 LS*, and 130 kW
<b>5667</b>	Generator Block Heater 150 kW

\* LS = Low Speed, HS = High Speed

# Accessories



## **PowerMaster™ Load Shedding Device**

Air-Cooled and liquid-cooled generator sets

The PowerMaster™ is a load shedding device that allows a home owner to operate two large electrical loads instead of being limited to only one such as a central air conditioner and an electrical hot water heater. When the priority load is running, the PowerMaster will lock out the other piece of equipment, keeping it from turning on until the demand is satisfied for the priority load. After the demand is satisfied, the PowerMaster will allow the secondary load to come on line and operate.

Catalog no. **5239**



## **Wireless Generator Monitoring Kit**

Air-Cooled Generator Sets

The Wireless Generator Monitoring System provides remote monitoring capability for convenient indoor observation. By adding this item, a generator owner can observe generator function, set certain operation parameters and receive maintenance reminders.

Catalog no. **5636**



## **Generator Transport Cart**

The Generator Transport Cart is designed to allow a single individual to move and position any of the air-cooled generators without the need for additional people or equipment. By attaching the cart to the generator through the lifting holes, the generator is lifted from the pallet by leverage and is easily wheeled to the appropriate location for final setting.

Catalog no. **GENCART**



## **Pad Skirt for Air Cooled Generators**

The pad skirt snaps together around the bottom of the new air cooled generators. This offers a sleek, contoured appearance as well as offering protection from rodents and insects by covering the lifting holes located in the base.

Please note that this pad skirt only fits air-cooled generators manufactured after 4/2008 that have the contoured body wrap style and are only available in grey.

Catalog no. **5666**

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