

- As the world's number one manufacturer of home standby systems, Generac identified and responded to the need for affordable, higher kW units for small to mid-size businesses and larger residences. Generac's innovative engineering has eliminated the noise, cost, and environmental issues that once made standby power impractical for these applications.

Powered by liquid-cooled engines, these units offer the opportunity to add features and options to address individual applications, such as advanced controls for instant monitoring, without the cost of more expensive configured systems.

BUSINESS APPLICATIONS

The broadest commercial line in the industry runs from 22 – 150 kW, and is available in single and three phase options. Generac's commercial units back up an extensive range of businesses. Common applications include:

- Assisted Living Complex
- Gas Station
- Retail Store
- Clinic
- Hardware Store
- School
- Convenience Store
- Hotel
- Television and Radio Stations
- Fire and Police Stations
- Office Building
- Warehouse
- Pharmacy
- Restaurant

LARGER RESIDENTIAL

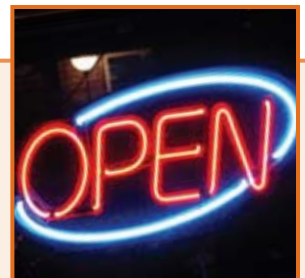
For homeowners with larger residences, a higher kW unit may be necessary to provide whole house coverage. When amenities such as additional living areas, garages and air conditioners, pools, greenhouses, mother-in-law suites and critical home medical care need to be covered, a commercial generator will provide the kW needed.

For residential and small business applications requiring less power, Generac's Guardian® Series starts at 8 kW. Ask a Generac representative or visit generac.com for more information.

KEEP THE LIGHTS ON AND THE DOORS OPEN.

Many businesses have a lot to offer customers during power outages. In addition to making revenue loss less likely, keeping the doors open can provide important customer benefits.

- **Convenience store / Gas station** — Power lights, cash register, security system, refrigeration and fuel pumps to serve emergency workers, motorists evacuating the area and local clean-up efforts.
- **High-volume restaurant** — Power lights, cash register, refrigeration, a full kitchen and remain open during an outage, serving people who need to eat out during the power failure.
- **Office environment** — Power lights, computers, telephone and elevators. Keep sales coming in and customer service available.
- **Pharmacy** — Power lights, refrigeration, computers/data systems, security system, cash register, and telephone to ensure customers can get medication and medical supplies during an emergency.



Generac's commercial generators are designed to run quietly, stand up to severe weather conditions, and offer built-in functionality to make generator ownership easy.

- Output in a variety of phases & voltages:
 - (1Ø) Single Phase 240V
 - (3Ø) Three Phase 208V
 - (3Ø) Three Phase 240V
 - (3Ø) Three Phase 480V
- Higher power kW nodes
- Continuous fuel with choice of LP or natural gas
- Units are field convertible from natural gas to LP up to 48 kW
- Most models available for SCAQMD
- Hour meter allows for run time monitoring to determine maintenance intervals



RhinoCoat™

Our RhinoCoat finish system uses a process that evenly joins paint particles to every part of the metal surface. Components are then baked to form a lasting bond for superior protection against the elements. This process allows for more consistent coverage to all surfaces for exceptional protection on not only the enclosure, but also the base frame.

Quiet-Test™ Mode

All automatic standby generators perform a weekly self-diagnostic test to validate proper operation. Quieter than the competition, only Generac's patented, programmable Quiet-Test mode kicks in for an ultra-quiet, neighborhood-friendly self-test. Available up to 60 kW.

Harsh Weather Conditions? Bring it On.

Choose from premium all-weather aluminum or sturdy galvalume steel enclosures with RhinoCoat.

- Steel – Patented galvalume steel enclosure for superior protection against the elements.
- Aluminum – corrosion resistance prolongs the life of the generator and is highly recommended for coastal, salt-air communities.

H-CONTROLLER AND GENLINK® SOFTWARE

Optional H-controller with remote annunciator on 70 kW units and above allows for remote monitoring. Keeps operator well informed of all vital functions. Add GenLink software for remote monitoring from any PC.



CONTROLLERS

Digital controls bring easier functionality to the generator system and oversee the transfer switch. Easily track functions, including oil pressure, coolant levels and voltage. Generac designs its own digital controls for superior reliability and system integration.

Generac has incorporated a sealed connection point philosophy resulting in durability and long-life protection:

- No corrosion
- No vibration
- No moisture
- No EMI & RFI
- No dust
- No static discharge

R-Series Digital Controllers (up to 60 kW)

The R-Series Digital Controller with built-in governor control and voltage regulator monitors utility voltage, oversees transfer switch operation and controls the Quiet-Test™ low speed exercise feature. LED indicator lights display system status and faults such as overcrank, overspeed, high coolant temperature, low coolant level, low oil pressure, and low battery voltage. Should a critical fault occur, our solid-state sensing and starting control automatically shuts down the engine, disconnects the starter motor and prevents re-engagement. The system also provides cyclic cranking for improved starting reliability and cranking termination for starter motor protection.

H-100 Controller (60 kW and above)

The PowerManager H-100 is fully compliant with NFPA 110 Level 1 and integrates control of the genset, governor and voltage regulator via a single, 32-bit digital microprocessor. The H-100 provides simultaneous monitoring of key parameters and includes communications and user-defined inputs/outputs:

- RS232 and RS485 remote ports
- Two 4-line x 20-character displays
- Four customer-defined relay outputs
- Options (12 inputs, 12 outputs, modem)



H-100

LIQUID-COOLED COMMERCIAL SERIES GUIDE

	QT02224	QT02516	QT02724	QT03016	QT03624	QT04524*	QT04842*	QT06024	QT07068	QT08046	QT10068 ³	QT13068 ³	QT15068 ³
Rated Power LP	22 kW	25 kW	27 kW	30 kW	36 kW	45 kW	48 kW	60 kW	70 kW	80 kW	100 kW	130 kW	150 kW
Rated Power NG	22 kW	24 kW	25 kW	29 kW	35 kW	45 kW	45 kW	60 kW	68 kW	78 kW	97 kW	130 kW	150 kW
Amps @ 240V, 1 Ø LP	91.6	104.2	112.5	120.8	150	187.5	200	250	291.6	333.3	416.6	541.6	625
Amps @ 208V, 3 Ø LP	76	86.8	94	104.2	125	156.3	167	208.4	243.1	277.9	347.3	451.5	521
Amps @ 240V, 3 Ø LP ¹	N/A	N/A	N/A	N/A	108	135.4	144	180.6	210.7	240.8	301	391.3	451.5
Amps @ 480V, 3 Ø LP	N/A	N/A	N/A	N/A	54	67.7	72	90.3	105.3	120.4	150.5	195.6	225.7
Engine/Alternator RPM	1800/1800	3600/3600	1800/1800	3600/3600	1800/1800	3600/3600	1800/1800	3600/3600	1800/1800	3600/3600	2300/1800	3000/1800	3600/3600
Engine Size	2.4L	1.6L	2.4L	1.6L	2.4L	2.4L	4.2L	2.4L	6.8L	4.6L	6.8L	6.8L	6.8L
Cylinder Arrangement	In-line 4	In-line 4	In-line 4	In-line 4	In-line 4	In-line 4	V-6	In-line 4	V-10	V-8	V-10	V-10	V-10
Fuel Consumption LPG	120 (3.3)	175 (4.81)	149 (4.1)	209 (5.7)	199 (5.4)	286 (7.86)	261 (7.2)	332 (9.0)	411 (11.3)	465 (12.76)	507 (13.9)	719.8 (19.56)	830.6 (22.6)
Fuel Consumption NG	316	437	359	525	480	720	661	862	1020	1154	1260	1786	2061
Quiet-Test Low Speed Mode	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
db(A) at Exercise	61	62	61	62	58	61	60	63	61	64	61	65	66
db(A) at Normal Operating Load	70	74	70	75	64	73	65	71	65	74	72	75	79
Transfer Switch Type Needed	RTS	RTS	RTS	RTS	RTS	RTS	RTS	RTS	HTS	HTS	HTS	HTS	HTS
Enclosure Material	Aluminum	Steel	Aluminum	Steel	Aluminum	Steel	Aluminum	Steel or Alum*	Steel or Alum	Steel or Alum	Steel or Alum	Steel or Alum	Steel or Alum
Enclosure Color	Gray	Bisque	Gray	Bisque	Gray	Bisque	Gray	Tan	Tan	Tan	Tan	Tan	Tan
Dimensions (L" x W" x H")	62.2 x 29 x 33.5	62.2 x 29 x 33.5	62.2 x 29 x 33.5	62.2 x 29 x 33.5	77 x 33.5 x 45	77 x 33.5 x 45	77 x 33.5 x 45	89 x 34 x 48	96.5 x 37 x 48	116 x 37 x 55**	116 x 37 x 55**	116 x 37 x 55**	116 x 37 x 55**
Generator Weight Steel (lbs.)	N/A	875	N/A	935	N/A	1414/1464 ²	N/A	1650	2185	2010	2755	2923	2716
Generator Weight Aluminum (lbs.)	843	N/A	891	N/A	1683	N/A	1740/1790 ²	1650	2040	1836	2581	2749	2542

* Aluminum enclosure for Generac brand only.

** California emission compliant model. Must specify with "Y" at end of typecode when ordered.

*** Height does not include measurement of exhaust stack(s).

**** All specifications subject to change without notice.

1 Consult factory for availability

2 See product selection guide to customize your generator

3 All units equipped with catalyst and comply with SCAQMD