

Home Generator Systems
SEREGEN™ 300 Series



RUUD



COMPUTER-CONTROLLED FOR MAXIMUM EFFICIENCY.

Ruud is proud to offer the new **SEREGEN™ 300 Series** 20kW Home Generator System. Boasting a 993cc commercial Vanguard™ engine and 28,000 watts of starting power, the system offers whole house comfort & control in an extremely compact & affordable package. The standard 20kW package will supply enough automatic backup power to manage two 5-ton AC units. The optional Power Management System upgrade optimizes the SEREGEN™ 300 Series with advanced computer-controlled power for maximum efficiency.



SEREGEN™ 300 Series

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

Whole House Comfort – The SEREGEN™ 300 Series will supply enough power to manage up to two 5-ton air conditioners in addition to essential household power requirements.

Vanguard™ 993cc Engine – An industry leading commercial grade Big Block™ air-cooled engine provides powerful, quiet, durable performance for large, power hungry homes - perfect for years of heavy-duty standby power.

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

Sound Shield™ Technology – Engineered air passages, an automotive-style exhaust system and acoustic foam dampeners ensure quiet operation. (68dB under normal operation)

Turn Key Extras – Each system includes a battery/battery charger, hour meter, and installation pad. The engine also comes pre-filled with synthetic oil and is broken in at the factory, saving you time and money.

Premium Warranty – 4 year limited - your guarantee of quality and performance.

Legendary Service & Support – From professional sizing and delivery to installation and service, trust the proven experts at Ruud for complete peace of mind.



Model Numbers	Gen 30LP	Gen 30NG
Fuel Type	Propane (LP Vapor)	Natural Gas
Power Management Method	AC Power Control Module™	
Watts LP/NG	20,000W	18,000W
Starting Watts LP/NG	28,000W	25,200W
Engine	993cc Briggs & Stratton Vanguard™ BIG BLOCK™ V-Twin	
Operation	Fully Automatic	
Voltage	120/240V AC, Single Phase, 1.0 pf	
Amps (Rated / Starting)	83.3 / 116.6	75.0 / 105.0
Brushed Alternator	Yes, Computer Friendly	
Full Pressure Lubrication	Yes	
Fuel Consumption* (at 1/2 Load)	1.95 Gal/Hr	160,000 BTUs/Hr
Weekly Exerciser	Yes	
Sound Shield™ Technology	Yes	
Sound Rating (normal operation)	68 dB	
Battery/Battery Charger	Yes	
Hour Meter	Yes	
Diagnostic Alerts	Low Oil Shutdown, Fail to Start, Low Frequency, Engine Overspeed Low Voltage, Low Battery Voltage, Oil Temp High and Transfer Switch Fault	
Overcrank Protection	Yes	
Dimensions (LxWxH) with pad	48" x 33" x 30.5"	
Weight (generator only)	600 lbs.	
Warranty	4 Year Limited	

*Fuel consumption rates are estimated based on normal operating conditions at 1/2 load. Generator operation may be greatly affected by elevation and the cycling operation of multiple electrical appliances – fuel flow rates may vary depending on these factors.

Transfer Switch Specifications (Sold Separately)		
Model Number	TS100AD	TS200AD
Common Features	120/240 Voltage, 2 Poles, 50/60 Frequency, AC Power Control Module™, Nema 3R Indoor/Outdoor Enclosure, UL 1008 Listed	
Power Management Method	AC Power Control Module™	
Circuits	Whole House	
Amps	100A	200A
Service Entrance Disconnect	Yes	
Dimensions (LxWxH)	14" x 6" x 22"	16" x 7" x 30"
Weight	43 lbs.	53 lbs.

*Review local codes to determine if a transfer switch with separate service entrance disconnect is required.



STATSTATION™ WIRELESS POWER MONITORING UPGRADE – MODEL # 40260

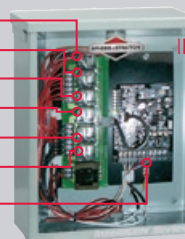
You'll never need to leave your house to communicate with your SEREGEN™ 300 generator. The StatStation™ is a wireless, 2-way handheld LCD monitor that gives you detailed, easy-to-read reports on your SEREGEN's system status, diagnostic test results, real-time power performance and more – all from the safety of your home.

POWER MANAGEMENT SYSTEM UPGRADE – MODEL # 71030

Most high wattage 'creature comforts' normally require a large and expensive generator to meet with the demands of a larger home. Now you can manage the 'high demand' appliances of even the most power hungry home with this affordable upgrade, exclusively from Ruud. Featuring patented computer-controlled technology, the system makes the SEREGEN™ 300 Series the most efficient standby generator in its class.

HIGH EFFICIENCY WHOLE HOUSE BACKUP POWER

- ✓ Water Well Pump
- ✓ Range/Stove
- ✓ Hot Tub
- ✓ Water Heater
- ✓ Clothes Dryer
- ✓ Pool Heater
- ✓ 5-ton Central Air 1
- ✓ 5-ton Central Air 2



Power Management System

30kW Generator

SEREGEN™ 300 Series Generator
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THE BENEFITS OF HIGH EFFICIENCY POWER MANAGEMENT

- ✓ **Power More for Less** - Advanced computer controls manage the same essential & high watt appliances as a larger 30kW liquid cooled for up to half the cost.
- ✓ **Maximum Fuel Economy** - Smart use of power results in up to 50% less fuel consumption.
- ✓ **Space-Saving Design** - Compact, efficient design allows for location flexibility and lower installation costs.
- ✓ **Exclusive Overload Protection** - Advanced controls prevent generator overload due to unmanaged power demand.
- ✓ **Smart Home Compatible** - Provides clean, safe power for other smart home appliances and sensitive electronics.



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 Specifications are subject to change without notice.