

# Road Power PTO Driven Generator 4,000 - 25,000 watt



## Space-saving, Cost-effective System

Save weight, space, and money with Vanair's Road Power Generator; an underdeck unit that offers the power of a 4,000 - 25,000 watt AC generator. This innovative unit, developed by Vanair over 15 years ago, maximizes the power of your engine by enabling you to access AC power via your truck's PTO drive.

### SPECIFICATIONS

PTO SHAFT DRIVEN (other models available)									
Model	Output	Weight	Height	Width	Length	Voltage	Phase	Amps	Speed
6.8 kW	6,800 watts	80 lbs.	12"	11.5"	17"	120 or 120/240	Single	54/27	1800 RPM
8.1 kW	8,100 watts	101 lbs.	12"	11.5"	17"	120 or 120/240	Single	68/34	1800 RPM
10 kW	10,000 watts	123 lbs.	12"	11.5"	17"	120 or 120/240	Single	84/42	1800 RPM
16.9 kW	16,900 watts	270 lbs.	12"	12"	24"	120 or 120/240	Single	140/70	1800 RPM
20 kW*	20,000 watts	295 lbs.	12"	12"	25"	120 or 120/240	Single	166/83	1800 RPM
25 kW*	25,000 watts	339 lbs.	12"	12"	25"	120 or 120/240	Single	208/104	1800 RPM

\*20kW and 25kW shaft-driven generators do not include a breaker and outlet panel.

HYDRAULIC DRIVEN (other models available)										
Model	Output	Weight	Height	Width	Length	Voltage	Phase	Amps	Flow	Pressure
4 kW	4,000 watts	78 lbs.	10"	8"	23"	120 or 120/240	Single	34/17	8.5 GPM	1800 PSI
4.8 kW	4,800 watts	85 lbs.	10"	8"	25"	120 or 120/240	Single	40/20	9 GPM	1850 PSI
7.5 kW	7,500 watts	105 lbs.	10"	8"	28"	120 or 120/240	Single	62/31	14.5 GPM	1800 PSI
8.5 kW	8,500 watts	114 lbs.	10"	8"	28"	120 or 120/240	Single	72/36	16 GPM	1800 PSI
10 kW	10,000 watts	121 lbs.	10"	8"	28"	120 or 120/240	Single	84/42	19 GPM	2000 PSI
12 kW	12,000 watts	129 lbs.	11"	11"	29"	120 or 120/240	Single	105/52.5	20 GPM	2000 PSI
15 kW	15,000 watts	141 lbs.	11"	11"	29"	120 or 120/240	Single	126/63	24 GPM	2000 PSI

Ratings above are approximate and are based on 120 degrees F hydraulic fluid temperature. Add 400 psi minimum to hydraulic requirements for hydraulic system continuous pressure ratings. Machine hydraulic relief valve is set at 3200 psi. Consult Vanair for specific details.



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### **SPECIAL FEATURES**

- The Road Power PTO powered Generator is much simpler to operate than engine-driven counterparts. There is no need to replace the chassis alternator or add extra batteries similar to dynamic and static inverter applications.
- Generates real AC power – not simulated or converted power – in capacities from 4,000 to 25,000 watts
- Offers both 120-volt and 240-volt outlets
- Precise frequency controls keep output regulated within two percent

### **Safety Equipment**

- Built-in over speed protection
- Ground fault interrupter circuit
- Built-in short circuit protection

### **OPTIONS/ACCESSORIES**

- Frequency meter
- Amp meter
- Voltage meter
- Remote on/off switch

### **QUALITY FEATURES**

- Maintenance-free design
- Brushless design
- 400% motor starting capabilities
- Lifetime lubricated bearings
- Quiet operation

### **HYDRAULIC FEATURES**

- Pressure compensating flow regulator
- Lifetime guaranteed alignment
- Operates on open- or closed-loop system up to 2500 psi

### **HYDRAULIC SYSTEM REQUIREMENTS**

Vanair highly recommends consulting a hydraulic supply expert for specifying the correct hydraulic pump size and type, oil reservoir size, hydraulic cooler, hydraulic pressure relief, and other hydraulic supply components for your application. Please take into consideration the following:

- The hydraulic flow and pressure requirements of the air compressor
- Keep in mind that when the compressor is running there is a continuous hydraulic load
- The duty cycle and ambient operating temperatures
- Other hydraulic equipment which may share the same hydraulic supply system (Vanair recommends a dedicated pump and hydraulic circuit)

*Product improvement is a continuing goal. Design and specifications are subject to change without notice or obligations.*

