

VANAIR 4,000 - to 25,000-watt Road Power Generator

Space-saving, Cost-effective System

Totally contained underdeck within the truck's frame rails, the power system replaces the need for separate engine-driven generators by providing everything you need in a single PTO unit. Moving the system from above the truck deck to below it saves space, weight, and costs since you only need to own, license, and insure a single vehicle for multiple applications.

Easy AC Accessibility

Once the PTO is engaged, engine torque and horsepower are transmitted to the generator via a properly sized tubular drive shaft or through the use of a hydraulic pump. With this operating system, which is ideal for plastic pipe fusion, night lighting, pumps, heaters, power outages, and pipe line relining equipment in the most remote locations, there is no need to worry about your generator starting at the job site; if the truck is running, the Vanair Road Power Generator will be running, as well.

Vanair Dependability

Every product that Vanair designs, engineers, and manufactures is backed by years of technological experience, expertise, and a commitment to continuous improvement. From installation assistance to operations training, Vanair offers everything you have come to expect from the innovator of truck-mounted PTO air compressors.

Get Power to Go with the Underdeck PTO

Vanair Road Power Generator



Save weight, space, and money with Vanair's Road Power Generator – an underdeck unit that offers the power of a 4,000- to 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.



PTO SHAFT DRIVEN

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

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

HYDRAULIC DRIVEN

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

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 overspeed 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



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