

Generators

PTO & Hydraulic Driven Generators

4,000 - 25,000 Watts

Save weight, space, and money with Vanair's Road Power Underdeck 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. Ideal for plastic pipe fusion, night lighting, pumps, heaters, power outages, and pipe line relining equipment in the most remote locations.



PTO SHAFT DRIVEN

MODEL	6.8kW	8.1kW	10kW	16.9kW	20kW	25kW
Output (Peak) (kW)	6.8	8.1	10	16.9	20	25
Weight (lbs)	80	101	123	270	295	339
Height (in.)	12	12	12	12	12	12
Width (in.)	11.5	11.5	11.5	12	12	12
Length (in.)	17	17	17	24	25	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 (RPM)	1800	1800	1800	1800	1800	1800

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

HYDRAULIC DRIVEN

MODEL	4kW	4.8kW	7.5kW	8.5kW	10kW	12kW	15kW
Output (Peak) (kW)	4	4.8	7.5	8.5	10	12	15
Weight (lbs)	78	85	105	114	121	129	141
Height (in.)	10	10	10	10	10	11	11
Width (in.)	8	8	8	8	8	11	11
Length (in.)	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 (GPM)	8.5	9	14.5	16	19	20	24
Pressure (PSI)	1800	1850	1800	1800	2000	2000	2000

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

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 2%

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)