



**XCITE™ PTO SHAFT DRIVEN  
UNDERDECK GENERATOR  
BID SPECIFICATION  
REVISED: April 17, 2019**

- Type:** Vanair® PTO shaft driven underdeck generator. New and in current production.
- Generator Capacity:** The Vanair® generator will provide continuous duty. 120V AC or 120V/240V AC. Generator operates on a 60 Hz frequency with single phase and 4 poles. Generator input speed is 1800 RPM and is achieved through proper PTO gear ratios and engine RPM.
- Classification:** All Vanair® generators use Class “H” Insulation; IP 23 rated UL Certification 1446, CSA Certification 22.2 and CE Certification. Generator windings are coated with a standard corrosion resistant varnish.

**Performance Chart – Non-Sealed Generator**

MODEL	OUTPUT (WATTS)	VOLTAGE	PHASE	AMPS	SPEED (RPM)	WEIGHT (Lbs.)
6.8 kW	6800	120 or 120/240	Single	52/27	1800	80
16.9 kW	16,900	120 or 120/240	Single	140/70	1800	270
20 kW	20,000	120 or 120/240	Single	166/83	1800	295
25 kW	25,000	120 or 120/240	Single	208/104	1800	339

**Performance Chart – TEFC Weatherproof Generator**

MODEL	OUTPUT (WATTS)	VOLTAGE	PHASE	AMPS	SPEED (RPM)	WEIGHT (Lbs.)
10 kW	10,000	120 or 120/240	Single	84/42	1800	123

- System Regulation:** All Vanair® generators use an AVR (Automatic Voltage Regulator). The AVR features include very stable voltage, adjustable voltage regulation, fuse protection and adjustable frequency operation.
- Mounting Locations:** Depending on the make and model of truck, the generator will mount inboard of the frame rail and utilize a shaft accessible PTO port on the transmission. The generator will be rigid mounted using the supplied bracket.
- The breaker panel can be mounted in a desired compartment or enclosed cargo area of the body.
- Warranty:** All Vanair® generators are warranted for a period of 1 year against manufacturing defects when installed in accordance with Vanair® recommendations. This warranty does not cover damage caused by incorrect installation, accident, misuse, or negligence.
- Installation:** Systems must be installed by a factory authorized installation center.
- Options:** Digital Display  
Rubber Shock Mounts for Vibration  
Generator Harness  
Breaker Panel - 4.0L x 11.25W x 13.25H (In.)