

Sinewave AC Power Inverters

THE ADVANTAGE OF TRUWAVE VLT TECHNOLOGY

Sine wave output delivers the most power when you need it . . . at the peak. Power output at the peak of a sine wave is double the RMS power as well as highly regulated allowing motors to start easier and faster, and to run cooler and more efficiently.



Vanner's TruWave VLT inverters are pure sine wave inverters incorporating the advantages of High Frequency power switching technology with the durability and reliability of Vanner's reputation for robust and reliable designs.

THE VALUE YOU EXPECT FROM VANNER

Easy Installation : The VLT's operation is simple, and the design is robust to provide you with years of trouble-free service.

Maintenance Free: VLT inverters save money on maintenance costs, and downtime caused by maintenance of generators.

Environmentally Friendly: VLT inverters save fuel, reduce exhaust emissions, meet OSHA / EPA regulations, and operate quietly.

ALL THE RIGHT FEATURES

VLT inverters are equipped with a 15A GFCI receptacle, providing convenient and safe AC power.

Easy-to-read LEDs and bar graphs for up to the minute inverter status

- Over and under voltage LEDs let you know if you have battery or charging system problems.
- Over Temperature and Overload LEDs will indicate air flow restriction or excessive load to be turned off.
- The Battery Voltage LED bar graph displays the DC input voltage of the inverter under operating conditions.
- The LED Load bar graph accurately shows how much AC output power the inverter is producing.
- An audible Overload alarm is also included.
- If remote On/Off operation is desired, a VLT inverter remote panel is available.

SIMPLE INSTALLATION / NO SPECIAL TOOLS REQUIRED

Vanner VLT pure sine wave inverters do not require any special tools or software programming.

Compact size and weight allows for installation in all makes and models of vehicles, even cars.



Quiet, reliable & convenient power to run:

- **Mobile Office Equipment**
- **Televisions / Monitors**
- **Power Tools**
- **Test Equipment**
- **Medical Equipment**
- **& More!**



Part Number	Continuous Watts	Surge Amps	Waveform	THD	AC Output Voltage	DC Input Voltage	Dimensions	Weight
12 Volt DC Input								
VLT12-300	300	3.3	Sine wave	<3%	120V / 60hz	11.0-16.0	2.8"H x 6.1"W x 9.5"D	7.7 lb.
VLT12-600	600	6.6	Sine wave	<3%	120V / 60hz	11.0-16.0	3.0"H x 7.3"W x 11.0"D	6.6 lb.
VLT12-1000	1000	16.0	Sine wave	<3%	120V / 60hz	11.0-16.0	6.5"H x 8.2"W x 16.6"D	15.1 lb.
VLT12-1500	1500	16.7	Sine wave	<3%	120V / 60hz	11.0-16.0	6.5"H x 8.2"W x 17.8"D	15.4 lb.
VLT12-2000*	2000	33.3	Sine wave	<3%	120V / 60hz	11.0-16.0	4.1"H x 10.8"W x 15.4"D	22.0 lb.
VLT12-3000*	3000	50.0	Sine wave	<3%	120V / 60hz	11.0-16.0	4.1"H x 10.8"W x 15.4"D	24.0 lb.
24 Volt DC Input								
VLT24-600	600	6.6	Sine wave	<3%	120V / 60hz	21.0-32.0	3.0"H x 7.3"W x 11.0"D	6.6 lb.
VLT24-1000	1000	16.0	Sine wave	<3%	120V / 60hz	21.0-32.0	4.1"H x 10.8"W x 15.4"D	15.1 lb.
VLT24-1500	1500	16.7	Sine wave	<3%	120V / 60hz	21.0-32.0	4.1"H x 10.8"W x 15.4"D	15.4 lb.
VLT24-2000	2000	33.3	Sine wave	<3%	120V / 60hz	21.0-32.0	6.5"H x 8.2"W x 16.6"D	22.0 lb.
VLT24-3000	3000	50.0	Sine wave	<3%	120V / 60hz	21.0-32.0	6.5"H x 8.2"W x 16.6"D	24.0 lb.

* 2/1/10 - VLT 12-2000 and VLT 12-3000 – 11.0-16.0 VDC input voltage under development (10.5 – 15.5 input voltage currently)

TruWave VLT Specifications / Features

No Load Current	<1 watt in power saving mode
AC Output Regulation	-10% / +4%
Standby Recovery	5 Seconds
Operating Temperature	32F to 122F (0C to 50C)
Storage Temperature	-22F to 15 F (-30C to 70C)
LED Status	Low Battery, Over Temperature, Overload, Inverter On/Off
Protection	Overload, Short Circuit, Reverse Polarity (fuse) Over Voltage, Under Voltage, Over Temperature
Mounting	Inverter may be mounted in any configuration

800-AC POWER

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