

TruWave VLT Sinewave 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, it is also 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.

As more fleets are realizing the value of on-board AC Power, the power demands and environmental performance requirements are increasing, and fleets are applying AC Power over a wider variety of vehicle applications. Vanner is leading the way with products designed to stay ahead of these greater demands for performance and reliability.

Improvements in Vanner's VLT Sinewave Inverter's Temperature Range and DC Input Range afford the highest operational specifications required in today's electrical systems.

LOWEST OPERATING TEMPERATURES -25C to +50C (-13F to +122F)

VLT boasts the lowest operating temperature (-25C) for any high-frequency inverter in the industry. VLT is suitable for use in cold weather climates, when other high frequency brands will not operate. (See red specifications on back)

HIGHEST DC INPUT RANGE 11.0VDC – 16.0VDC

VLT is designed with a higher DC Input Range to be compatible with today's higher voltage alternators and to keep up with greater power demands. There is no need to add battery isolators to drop the DC voltage to acceptable levels. (See red specifications on back)

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 operate:

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



Designed for higher
voltage alternators

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	4.1"H x 10.8"W x 15.4"D	15.1 lb.
VLT12-1500	1500	16.7	Sine wave	<3%	120V / 60hz	11.0-16.0	4.1"H x 10.8"W x 15.4"D	15.4 lb.
VLT12-2000	2000	33.3	Sine wave	<3%	120V / 60hz	11.0-16.0	6.5"H x 8.2"W x 17.8"D	22.0 lb.
VLT12-3000	3000	50.0	Sine wave	<3%	120V / 60hz	11.0-16.0	6.5"H x 8.2"W x 17.8"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.

TruWave VLT Specifications / Features

Higher DC Input Voltage	Optimized for high voltage (16V) alternators
No Load Current	<1 watt when in power saving mode
AC Output Regulation	-10% to +4%
Standby Recovery	5 Seconds
Operating Temperature	-13F to 122F (-25C 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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