



# VLT AC Power Inverter

**Quiet, reliable & convenient power to run televisions/monitors, power tools, test equipment, pumps/lights/motors, medical equipment, microwaves & more!**

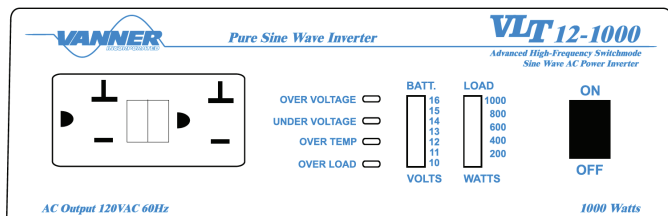


## The Advantage of Pure Sine Wave Technology

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 VLT AC power 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.

High frequency switch mode sine wave inverters are appropriate for light to medium-duty applications. If your application is heavy-duty, we recommend the MOSFET-coupled transformer designs found in our industry benchmark, the IT Industrial TruSine® family of inverters with models up to 3600 watts.



## Customer Designed with You In Mind

The VLT sine wave inverter is packed with the features and performance you asked for. The installation is easy, the unit's operation is simple, and the design is robust to provide you with years of trouble-free service.

## Vanner VLT Inverters - Virtually Maintenance Free & Simple Installation

The days of oil changes, carbon removals, exhaust fumes, noise, vibration and starting hassles are gone! The VLT system not only saves money on maintenance costs, but saves downtime caused by attending to the needs of high-maintenance engine generators. The Vanner VLT pure sine wave inverter doesn't require any bulky or difficult-to-install special alternators commonly found on belt drive AC power systems. No special equipment is required.

## All the Right Features

The Vanner VLT inverter is equipped with a 15A ground fault indicating circuit breaker receptacle, providing convenient and safe AC power. Clear, easy-to-read LEDs and bar graphs let you know that the unit's working right, or if something's wrong - no guessing necessary. Over and under voltage LEDs let you know if you have battery or charging system problems. Over temperature and overload LEDs will indicate that either a condition has occurred that must be corrected by removing air restricting material from around the inverter, or excessive load.

The battery voltage LED bar graph informs you of the DC input voltage the inverter is seeing under any operating condition, allowing you to use battery energy efficiently. The LED load bar graph accurately shows how much AC output power the inverter is producing. A handy audible overload alarm is also included. If remote ON/OFF operation is desired, a Vanner VLT inverter remote ON/OFF panel is available.

**EXPERIENCE POWER... EXPERIENCE VANNER.**

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Model	VLT12-600	VLT24-600	VLT12-1000	VLT24-1000	VLT48-1000	VLT12-1500	VLT24-1500	VLT12-2000	VLT24-2000	VLT-12-3000
Continuous Output	600 W		1000W			1500 W		2000 W		3000 W
3 second Surge (A)	6.67		16			16.7		33.3	33.3	50
Input Voltage	12	24	12	24	48	12	24	12	24	12
Output Voltage	120Vac +/- 3%									
Output Frequency	60HZ +/--.05		60HZ +/--.05			60HZ +/--.05		60HZ +/--.05		
Peak Current (A)	10		25			25				
Efficiency FL-%	88	90	83	87	88	83	87	89	92	88
No Load Current	< 1 Watt in power saving mode									
Output Waveform	Pure Sine <3%									
Output Regulation	-10% / + 4%									
Low Batt Volts	10.7	21.5	10	20	40	10	20	10.2	20.3	10.2
High Batt Volts	15	30	16	32	64	16	32	15.3	30.6	15.3
Standby Recovery	5 seconds									
Operating Temp	32°-122°F (0°-50°C)									
Storage Temp	-22°-158°F (-30°-70°C)									
Dimensions	3"H x 7.25"W x 12"D		4.13"H x 10.83"W x 15.35" D				6.5"H x 8.25"W x 16.5"D		6.5"H x 8.25"W x 18"D	
Weight	6.6 lbs		15.1 lbs			15.4 lbs		20 lbs		22 lbs
LED Status	Low battery shutdown, Over temperature shutdown, Overload, Inverter On/Off									
Protection	Overload, Short circuit, Reverse polarity (fuse), Over/under input voltage, Over temperature									
Mounting	Inverter may be mounted in any orientation									
VLT-RMT remote accessory is also available. Contact customer service for information.										

Vanner's policy is one of continuous improvement. We reserve the right to change specifications without notice.

**1•800•AC•POWER**

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